CONNECTICUT
AGRICULTURAL EXPERIMENT STATION
NEW HAVEN, CONN.

Bulletin 187, June, 1915

Index to Reports on Food Products and Drugs

of the

Connecticut Agricultural Experiment Station

1896-1914

By JOHN PHILLIPS STREET

The Bulletins of this Station are mailed free to citizens of Connecticut who apply for them, and to others as far as the editions permit.

CONNECTICUT AGRICULTURAL EXPERIMENT STATION.

OFFICERS AND STAFF.

BOARD OF CONTROL

His Excellency, Marcus H. Holcomb, *ex-officio, President.*
Prof. H. W. Conn, *Vice President*.....Middletown
George A. Hopson, *Secretary*.....Wallingford
E. H. Jenkins, *Director and Treasurer*.....New Haven
Joseph W. Alsop.....Avon
Wilson H. Lee.....Orange
Frank H. Stadtmueller.....Elmwood
James H. Webb.....Hamden

Administration.
E. H. Jenkins, Ph.D., *Director and Treasurer.*
Miss V. E. Cole, *Librarian and Stenographer.*
Miss L. M. Brautlecht. *Bookkeeper and Stenographer.*
William Veitch, *In charge of Buildings and Grounds.*

Chemistry.
Analytical Laboratory. John Phillips Street, M.S., *Chemist in Charge; State Chemist.*
E. Monroe Bailey, Ph.D., C. B. Morison, B.S.
C. E. Shepard, G. L. Davis, *Assistants.*
Hugo Lange, *Laboratory Helper.*
V. L. Churchill, *Sampling Agent.*
Miss E. B. Whittlesey, *Stenographer.*

Proteid Research
T. B. Osborne, Ph.D., *Chemist in Charge.*
Miss E. L. Ferry, M. S., *Assistant.*

Botany.
G. P. Clinton, Sc.D., *Botanist.*
E. M. Stoddard, B.S., *Assistant Botanist.*
Miss E. B. Whittlesey, *Herbarium Assistant.*
G. E. Graham, *General Assistant.*

Entomology.
W. E. Britton, Ph.D., *Entomologist; State Entomologist.*
B. H. Walden, B.Agr., *First Assistant.*
Q. S. Lowry, B.Sc., I. W. Davis, B.Sc.,
M. P. Zappe, B.S., *Assistants.*
Miss F. M. Valentine, *Stenographer.*

Forestry.
Walter O. Filley, *Forester; also State Forester and State Forest Fire Warden.*
A. E. Moss, M. F., *Assistant Station Forester.*
Miss E. L. Avery, *Stenographer.*

Plant Breeding.
Donald F. Jones, B.S., *Plant Breeder.*
C. D. Hubbell, *Assistant.*

Vegetable Growing.
Howard F. Huber, B.S.

INDEX

TO THE REPORTS ON

FOOD PRODUCTS AND DRUGS

OF

THE CONNECTICUT AGRICULTURAL EXPERIMENT STATION

NEW HAVEN

1896–1914

Compiled by John Phillips Street

Since 1896 this Station has examined about 26,000 samples of human foods, and since 1907 about 3,000 samples of drug products. The food samples include practically all the important classes of food products sold in the state. The examination in most cases has not been of the ordinary routine character, but a more or less complete analysis has been made in order to determine the food value of the various products. The examination of drugs, on the other hand, has been planned chiefly to detect adulteration or sub-standard conditions. In addition to the large number of analyses of foods and drugs, this laboratory has done much original work in the investigation and development of chemical and microscopical methods for the analysis of foods and drugs, and for the detection of adulteration.

These data are scattered through nineteen reports, none of which is completely indexed, and, therefore, are not generally available to other investigators. The purpose of this index is to collect in one publication all references to the food and drug work of the Station. It is realized that except in the case of libraries and a few individuals complete sets of these reports have not been preserved. The index, however, has been prepared in such a way that even he

who does not possess all of the reports, by an intelligent use of the index may obtain a quite accurate idea of the nature of the food and drug adulteration existent in Connecticut from 1896 to the present time.

No attempt has been made to index by brand names the multitude of brands, for instance, of jams, jellies, canned vegetables, table sauces, spices, etc.; these have been indexed simply under the manufacturer's name in connection with the special food. For instance, by referring to ketchup or cloves, the user of the index will find a complete list of the manufacturers or jobbers whose brands of ketchup or cloves have been examined, together with a definite reference to the page of the report on which the analysis is recorded. The index will not show what adulterants have been detected in Smith's ketchup or Jones' cloves. However, by referring to "ketchup" and "cloves" it will be found that benzoic acid, coal-tar colors, saccharin and salicylic acid have been detected in the ketchups sold in Connecticut, and that allspice, clove stems, cocoanut shells, nut shells, peas, sand and wheat biscuit have been found in the cloves sold in Connecticut markets.

Likewise reference to any particular adulterant will show a list of the different foods or drugs in which this Station has detected it. For instance, it will be seen that we have found wood alcohol in bay rum, lemon extract and certain proprietary medicines; sodium fluoride in canned asparagus; and saccharin in carbonated beverages, chocolate, cod liver oil wines, diabetic foods, ketchup, pickles and table sauces.

Furthermore, a reference to specific chemical determinations, such as acidity, alcohol, ash, alkalinity of ash, ether extract, protein, etc., will show all the classes of foods in which these determinations have been made.

While the ordinary foods and drugs are not as a rule listed under their brand names, distinctive products, such as Abizol, Crisco, Mellins Food, Sanatogen, Force, Wheatena, Albulac, Panopepton, etc., and the various proprietary medicines, are all indexed under their special titles.

(**Figures in black-faced type refer to the year of the report.**)

Abizol, analysis, **13,** 302. See also acid sulphurous.
Abortion medicines, analysis, **11,** 212; **13,** 395; **14,** 326.
Absinthe, analysis, **01,** 146.
Acetanilid, in headache powders, **98,** 693–705; **11,** 179, 295; 12, 274.
in hydrogen dioxide, **09,** 262; **10,** 580.
in vanilla extract, **05,** 131; **06,** 143; **07,** 161.
methods, **08,** 689; **09,** 266.
Aceton. See headache preparations.
Acetphenetidin, in headache powders, **08,** 693–705; **11,** 180.
Acid, acetic, analysis, **12,** 147, 204. See also chlorides, empyreumatic substances, formic acid, iron, lead and sulphurous acid.
as a preservative, **97,** 4.
standards, **12,** 146.
See also chili sauce, ketchup, pickles, prepared mustard, salad dressing, spirit of nitrous ether, table sauces, tomatoes, vinegar, whiskey and wine.
arachidic, methods, **97,** 45.
arsenic, methods, **10,** 567. See Fowler's solution.
arsenious, methods, **10,** 567. See Fowler's solution.
benzoic, in carbonated drinks, **99,** 128; **02,** 293, 295; **09,** 230; **14,** 334.
in chili sauce, **04,** 187; **11,** 111.
in cider, **12,** 202.
in cider preservative, **99,** 147.
in fruit syrups, **99,** 117; **02,** 293, 299; **09,** 230, 237; **11,** 131–133, 197–199.
in Fungicide, **01,** 184.
in jams and jellies, **00,** 156; **01,** 127; **04,** 189; **08,** 587; **11,** 161.
in ketchup, **97,** 37; **01,** 139; **04,** 183; **07,** 133, 162; **10,** 532, 580; **11,** 196.
Acid, benzoic—continued.
in lime juice, **11,** 130.
in Liquid Preservo, **02,** 256.
in mince meat, **10,** 520.
in pickles, **02,** 219; **09,** 218; **11,** 153.
in prepared mustard, **04,** 179.
in root beer extract, **11,** 150.
in salad dressing, **11,** 154.
methods, **97,** 34; **99,** 132; **10,** 549.
preservative effect, **97,** 5.
boracic. See acid, boric.
boric, in carbonated drinks, **99** 117.
in cheese, **02,** 229.
in chopped meat, **04,** 188.
in codfish, **97,** 40; **06,** 128.
in cod liver oil emulsions, **11,** 166.
in cream, **97,** 63; **98,** 163; **00,** 135; **04,** 133; **05,** 116.
in hair remedies, **14,** 283–285, 287, 291.
in head cheese, **97,** 40.
in hydrogen dioxide, **09,** 262.
in ice cream cones, **10,** 517.
in Liquid Preservo, **02,** 256.
in meat preservatives, **99,** 149, 150.
in milk, **97,** 54; **00,** 128; **01,** 109, 114; **02,** 186; **04,** 125; **06,** 111.
in milk preservatives, **99,** 144, 145.
in oysters, **97,** 43; **06,** 128.
in Pierce's Golden Medical Discovery, **12,** 193.
in preserving salts, **99,** 151.
in salad dressing, **11,** 154.
in sausage, **97,** 40; **98,** 157; **06,** 126.
in skin remedies, **14,** 298, 299, 302, 303, 305.
methods, **97,** 39; **99,** 132, 153; **00,** 127; **01,** 196.
preservative effect, **97,** 5.
butyric, in glycerine, **12,** 158.
caffetannic, in coffee, **07,** 142.

Acid—continued.
carbonic, methods, **00,** 169. See also baking powder.
citric, in magnesium citrate solution, **12,** 162.
in tomatoes, **12,** 133.
methods, **12,** 165.
See also carbonated drinks, fruit juices and soda water syrups.
formic, in acetic acid, **12,** 147. See also honey.
fuchsine, methods, **99,** 131; **01,** 132.
hydrocyanic, in almond extract, **10,** 497.
methods, **10,** 515.
hypophosphorous, methods, **11,** 171. See also cod liver oil emulsions.
lactic, as a preservative, **97,** 4.
malic. See cider and vinegar.
nitrous. See spirit of nitrous ether.
oleic. See cod liver oil.
phosphoric, in jellies, **08,** 591, 594.
methods, **00,** 179; **08,** 612; **09,** 266; **11,** 170; **12,** 165.
See also baking powder, beer, breakfast foods, cider, cod liver oil emulsions and wines, cream of tartar, dried eggs, hydrogen dioxide, laxative preparations, meat extracts and preparations, noodles, phytin, salad dressing and vinegar.
quercitannic. See cocoa shells, clove stems, date stones, linseed meal, various nut shells, sandalwood, sawdust and various spices.
salicylic, in beer, **98,** 155.
in beer preservatives, **99,** 147.
in blackberry brandy, **14,** 251.
in carbonated drinks, **99,** 117; **02,** 213.
in chili sauce, **97,** 34; **98,** 164.
in cider preservatives, **99,** 146.
in cod liver oil emulsions, **11,** 167.
in cod liver oil wines, **11,** 175.
Acid, salicylic—continued.
in Frostlene, **01,** 179.
in fruit syrups, **99,** 117; **02,** 293, 209.
in hair remedies, **14,** 284, 285, 288.
in Hyper-Samphire, **01,** 185.
in jams and jellies, **98,** 115, 117, 123, 125; **01,** 127.
in ketchup, **97,** 36; **01,** 139; **04,** 183.
in meat extracts, **08,** 647.
in pickles, **02,** 219.
in Poslam, **12,** 186.
in prepared mustard, **04,** 179; **05,** 126.
in skin remedies, **14,** 295, 296.
methods, **97,** 33; **98,** 153; **99,** 132.
preservative effect, **97,** 5.
See also sodium salicylate.
sulphuric, methods, **00,** 179.
See also asafetida, baking powder, cream of tartar, proprietary medicines, sulphur, syrup of figs and table salt.
sulphurous in Abizol, **13,** 297.
in acetic acid, **12,** 147.
in apricots, **04,** 189; **12,** 101.
in beer preservatives, **99,** 148.
in figs, **12,** 105.
in grape juice, **14,** 336.
in hamburg steak, **06,** 128.
in lime juice, **11,** 130.
in meat preservatives, **99,** 150.
in mince meat, **10,** 521.
in raisins, **12,** 106.
in sausage, **06,** 126; **12,** 204.
in vegetables, canned, **98,** 164.
in wine, **09,** 272.
methods, **99,** 132.
tartaric, in baking powder, **00,** 167.
in cream of tartar, **04,** 156.
in jellies, **98,** 592, 593.
methods, **00,** 179.
value. See cod liver oil.
Acidity, methods, **99,** 129; **01,** 137; **08,** 611; **09,** 266; **10,** 551, 563; **12,** 117, 165.

Acidity—continued.
See alcohol, blackberry brandy, cod liver oil emulsions and wines, formaldehyde, fruit juices, hydrogen dioxide, meat extracts and preparations, tomatoes, vinegar and various acids.
Acids, fatty, free. See cod liver oil.
volatile. See butter, oleomargarine and Reichert-Meissl No.
Acme Diabetic Flour. See diabetic foods.
Aconite root, analyses, **12,** 149.
standards, **12,** 148.
tincture, analyses, **14,** 334.
Aconitine, methods, **12,** 148. See also aconite root and tincture.
Acrolein, in glycerin, **12,** 158.
Adee-Co Worm Syrup. See worm syrups.
A. D. S. preparations. See bitters, cod liver oil emulsions, fig syrups, hair remedies, headache remedies, rheumatism remedies and sarsaparilla extract.
Adulteration, nature of food, **97,** 1.
Aerated bread. See luft bread.
Aerozone. See hydrogen dioxide.
Agar agar preparations, analyses, **14,** 236.
Akoll Biscuit. See diabetic foods (Huntley and Palmer).
Albulac, analysis, **08,** 711.
Albumin. See milk.
Alcohol, analyses, **10,** 553, 554; **13,** 304.
in bay rum, **14,** 249, 334.
in bitters, **14,** 272.
in blackberry brandy and juice, **14,** 250.
in cider, **11,** 113; **12,** 206; **13,** 303; **14,** 336.
in grape juice, **09,** 199; **11,** 130; **13,** 303; **14,** 336.
in malt extract, **14,** 254.
in meat juices, **98,** 652.
in meat preparations, **98,** 652.
in near beer, **12,** 296, 297; **13,** 303.
Alcohol—continued.
in root beer, **10,** 578.
in root beer extracts, **11,** 150.
in vinegar, **11,** 156, 296–299.
methods, **01,** 148, 172; **08,** 611; **10,** 515, 551.
preservative effect, **97,** 4.
standards, **10,** 551, 552.
See also bay rum, beef wine and iron, beer, bitters, brandies, carbonated drinks, cider, chloroform, coca wine, cod liver oil emulsions and wines, cordials, cough medicines, fig syrups, gin, ginger extract, ginger tincture, grape juice, kola wine, kümmel, lemon extract, malt extract, orange extract, paregoric, peppermint extract, proprietary medicines, rum, sarsaparilla extract, spirit of camphor, spirit of nitrous ether, vanilla extract, whiskey, wine, witch hazel extract and worm syrups.
Alcohol extract. See various spices and spice adulterants.
Alcohol, wood, in bay rum, **09,** 271.
in Hanford's Balsam of Myrrh, **14,** 327.
in lemon extract, **09,** 208.
in Stephan's Clescalp, **14,** 290.
Alcoholic beverages, carbohydrates, **13,** 94.
Alcoholism remedies, analyses, **14,** 260.
brands, Orrine **14,** 260.
White Ribbon Remedy, **14,** 261.
Alcohol precipitate. See ice cream powders.
Aldehyde, in alcohol, **10,** 553, 554.
methods, **10,** 552.
Ale, analyses, **98,** 155.
brands, Ballantine, Bass, Clausen, Feigenspan, Quinnipiac, **98,** 155.
Aleuronat preparations, analyses, **13,** 18, 20, 24, 26, 30–34, 70, 71, 285; **14,** 244, 246.

Alfalfa bread, analysis, **11,** 212.
Alkaloids. See aconitine, belladonna, cocaine, cod liver oil wines, heroin, morphine, opium, proprietary medicines, quinine and strychnine.
Allenburys' Milk Food No. 1, analysis, **08,** 604.
Milk Food No. 2, analysis, **08,** 604.
Malted Food No. 3, analysis, **08,** 604.
Allen's World's Hair Color Restorer, analysis, **14,** 281.
Alloy, analysis, **13,** 304.
Allspice, analyses, **97,** 30; **98,** 177, 179, 208; **01,** 190, 193; **02,** 240, 241, 245; **04,** 169, 170, 176; **06,** 139; **07,** 154.
brands, Allyn and Blanchard, **98,** 176; Archambault, **02,** 241; Augur, **02,** 241; Augur and Tuttle, **98,** 176; Austin, Nichols and Co., **98,** 176; Bennett, Simpson and Co., **98,** 178; Bennett, Sloan and Co., **02,** 241; Birdsey, **98,** 178; Boardman, **04,** 170; Bransfield, **98,** 178; Cahill, **04,** 176; Chandler and Rudd, **02,** 241; Colburn, **98,** 178; **04,** 169, 170; Columbia Tea Co., **02,** 240; Dean, **02,** 241; Durkee, **98,** 178; **02,** 240; Farrington, **98,** 178; Grand Union Tea Co., **02,** 240; Hill, **02,** 241; Hills, **98,** 178; Hornick, **02,** 241; Howard, **98,** 178; **02,** 241; **04,** 176; Kibbe, **98,** 178; Leggett, **04,** 176; Lincoln, Seyms and Co., **02,** 241; **04,** 169; McGuire, **04,** 176; Miner, Read and Garrette, **02,** 241; Pinckney, **98,** 178; Sadd, **04,** 170; Slade, **98,** 178; **04,** 170; Sovereign Trading Co., **98,** 178; Square Deal, **98,** 178; Stickney and Poor, **98,** 178; Stitt, **04,** 176; Sultana, **98,** 178; Tiger, **98,** 178; Union Pacific Tea Co., **02,** 240; Union Spice Co., **98,** 178; Upson, **98,** 178; **04,** 170.
Allspice—continued.
exhausted, analyses, **99,** 103.
in cloves, **97,** 28; **98,** 177; **02,** 245.
standards, **03,** 117; **04,** 113.
Almond biscuit, analyses, **06,** 159; **13,** 28, 32, 285.
bread, analyses, **13,** 26, 28, 70, 285.
butter, analyses, **06,** 159; **13,** 38.
extract, analyses, **10,** 497.
brands, Austin, Nichols and Co., Burnett, Capitol House, Colton, Great Atl. and Pac. Tea Co., Harris, Howco, Monogram, Pansy, St. John, Van Duzer, Van Dyk, Williams and Carleton, **10,** 497.
methods, **10,** 515.
net volume, **10,** 497.
standards, **10,** 496.
See also benzaldehyde hydrocyanic acid, and nitrobenzol.
flour. See almond meal.
meal, analyses, **06,** 157; **13,** 18, 22; **14,** 244.
oil, methods, **10,** 515.
paste, analyses, **13,** 36.
brands, Chapman, **13,** 36; Heide, **13,** 36; Spencer, **13,** 36.
Almonds, analysis, **13,** 36.
Alpha Diabetic Wafers. See diabetic foods (Health Food Co.)
Althea spring water, analysis, **00,** 213.
Alum, in baking powder, **00,** 170–173; **04,** 154, 155.
in cream of tartar, **00,** 181; **01,** 145; **04,** 156; **06,** 151.
in pickles and relishes, **02,** 219; 09, 218; **11,** 153.
in skin remedies, **14,** 306.
methods, **00,** 178; **02,** 220; **12,** 165.
Alumina. See alum.
Ambrosia Punch, analysis, **02,** 202; **11,** 133.

Ammonia, methods, **00,** 179, 206; **08,** 611, 685.
See also ammonia water, nitrogen, table waters and tomatoes.
albuminoid, methods, **00,** 203. See also table waters.
oxide. See baking powder and cream of tartar.
water, analyses, **08,** 706; **13,** 304. standards, **08,** 704.
Ammoniated mercury. See mercury.
Ammonium bromide, in Kosine, **14,** 327.
Amolin Deodorant Powder, analysis, **14,** 278.
Amylolytic power, methods, **10,** 575. See also malt extract and pancreatin.
Analytical methods, acetanilid, **08,** 689; **09,** 266.
acid, arachidic, **97,** 45.
arsenic, **10,** 567.
arsenious, **10,** 567.
benzoic, **97,** 34; **99,** 132; **10,** 549.
boric, **97,** 39; **99,** 132, 513; **00,** 127; **01,** 196.
carbonic, **00,** 169.
citric, **12,** 165.
fuchsine, **99,** 131; **01,** 132.
hydrocyanic, **10,** 515.
hypophosphorous, **11,** 171.
phosphoric, **00,** 179; **08,** 612; **09,** 266; **11,** 170, **12,** 165.
quercitannic, **98,** 191.
salicylic, **97,** 33; **98,** 153; **99,** 132.
sulphuric, **00,** 179.
sulphurous, **99,** 132.
tartaric, **00,** 179.
acidity, **99,** 129; **01,** 137; **08,** 611; **09,** 266; **10,** 551, 563; **12,** 117, 165.
aconitine, **12,** 148.
Analytical methods—continued.
alcohol, ethyl, **01,** 148, 172; **08,** 611; **10,** 515, 551.
alcohol, methyl, **01,** 173.
aldehyde, **10,** 552.
almond extract, **10,** 515.
almond oil, **10,** 515.
alum, **00,** 178; **02,** 220; **12,** 165.
ammonia, **00,** 179, 206; **08,** 611, 685.
ammonia albuminoid, **00,** 203.
amylolytic power, **10,** 575.
aniline acetate test, **12,** 117.
Arata wool test, **99,** 130; **01,** 129.
ash, **98,** 109, 132, 186; **01,** 128, 172; **03,** 130; **04,** 135; **06,** 140; **08,** 611, 685; **09,** 191; **12,** 117.
alkalinity of, **02,** 274; **03,** 130; **11,** 109.
insoluble in acid, **98,** 186; **02,** 273; **03,** 130.
insoluble in water, **98,** 132; **10,** 575.
soluble in water, **98,** 132, 186; **02,** 273; **03,** 130.
baking powder, **00,** 169.
Baudouin test, **97,** 45; **00,** 152.
Bechi test, **96,** 23; **97,** 45; **00,** 142.
beef, wine and iron, **08,** 685.
Belfield test, **96,** 23; **00,** 144.
biuret test, **08,** 612.
breakfast foods, **09,** 169.

Analytical methods—continued.
butter, **97**, 63; **98**, 222; **00**, 216; **01**, 205.
caffein, **02**, 274; **03**, 130.
camphor, **09**, 239; **10**, 561.
camphor liniment, **09**, 238.
caramel, **01**, 161.
cheese, **96**, 49; **14**, 95.
chili sauce, **01**, 137.
chlorine, **00**, 203; **08**, 612.
chocolate, **03**, 130; **11**, 109.
cinnamon, **97**, 31.
Clerget formula, **99**, 129.
cloves, **97**, 25.
cochineal, **99**, 131; **01**, 134.
cocoa, **02**, 273–278; **11**, 109.
cod liver oil, **09**, 258.
cod liver oil emulsions, **11**, 170.
coffee, **96**, 53.
colors, coal-tar, **98**, 110; **99**, 130; **01**, 129–134, 174, 197; **04**, 139, 140.
vegetable, **99**, 132; **01**, 134.
copper, **10**, 492.
copper-reducing matters, **98**, 187.
cordials, **01**, 148.
cotton seed oil, **96**, 23; **97**, 45; **00**, 142, 143.
coumarin, **01**, 155.
creatin, **08**, 612.
creatinin, **08**, 612.
diphenylamine test, **08**, 633.
edestin test, **11**, 184.
elixir glygerophosphates, **11**, 213.
Analytical methods—continued.
extract, alcohol, **98**, 187; **10**, 516; **11**, 148.
ether, **02**, 278; **03**, 144; **04**, 135; **08**, 601, 611; **09**, 191, 193; **11**, 109, 148.
non-volatile, **97**, 22, 25; **98**, 186.
volatile, **98**, 186.
water, cold, **98**, 190; **09**, 172; **10**, 516; **11**, 109.
hot, **98**, 132; **11**, 109.
fat. See ether extract.
fatty acids, volatile, **96**, 49; **97**, 63; **98**, 222; **00**, 217; **01**, 205.
fiber, **98**, 189; **02**, 275; **03**, 141.
foam test for mineral oil, **12**, 174.
formaldehyde, **99**, 133, 143; **00**, 127; **01**, 106; **10**, 563.
Fowler's solution, **10**, 567.
furfurol, **10**, 551.
fusel oil, **10**, 552.
ginger extract, **10**, 515.
Girard test, **99**, 131; **01**, 132.
glucose, **12**, 116.
glycerine, **11**, 157.
Halphen test, **00**, 143.
Hanus no. See iodine no.
hardness of water, **00**, 203.
headache preparations, **08**, 688.
honey, **96**, 7; **98**, 158; **12**, 113.
Hortvet no., **06**, 130.
Hubl no. See iodine no.
hydrogen dioxide, **09**, 265.

Analytical methods—continued.
ignition, loss on, **00,** 203.
infant and invalid foods, **08,** 601.
iodides, **11,** 193.
iodine no., **96,** 23; **97,** 45; **00,** 142.
jams and preserves. See jellies.
jellies, **98,** 109; **01,** 128.
ketchup, **97,** 33; **01,** 137; **10,** 549.
Klein test, **12,** 174.
lactose, **04,** 135; **08,** 601; **09,** 191, 193; **11,** 109; **13,** 95.
lard, **96,** 23; **00,** 138; **02,** 227.
lead no., **06,** 130.
lecithin, **04,** 140.
lemon extract, **01,** 172.
lemon oil, **01,** 173.
Ley's test, **12,** 117.
lime, **98,** 186; **00,** 178; **12,** 165.
macaroni, **01,** 197.
magnesia, **12,** 165.
magnesium citrate sol., **12,** 165.
malt liquors, **98,** 153.
maple sugar, **96,** 7.
maple syrup, **96,** 7; **06,** 130.
Martius' yellow, **96,** 45.
Mayrhofer method, **09,** 228; **12,** 123.
Mayrhofer-Sachsse method, **12,** 123.
meat extracts, **98,** 611–614.
metals, heavy, **10,** 492.
microscopical, **96,** 34, 53; **97,** 31. See also anatomy.
milk, **00,** 126; **01,** 105.
milk, condensed, **04,** 134; **09,** 191–194.
Analytical methods—continued.
mineral oil, **12,** 174.
moisture, **98,** 109, 131, 186; **01,** 128; **02,** 273; **03,** 130; **98,** 611.
molasses, **97,** 61; **98,** 220; **99,** 158; **00,** 217; **01,** 206.
morphine, **12,** 166, 168.
mustard, **96,** 45.
nitrates, **00,** 203; **08,** 633.
nitrogen, **98,** 190; **08,** 612, 685.
amido, **08,** 612.
coagulable, **08,** 611.
insoluble, **08,** 611.
meat bases, **08,** 612.
proteoses, **08,** 612.
ppt. by tannin-salt, **08,** 612.
syntonin, **08,** 611.
See also ammonia.
noodles, **01,** 197; **04,** 139.
oleomargarine, **97,** 63; **98,** 222; **00,** 216.
olive oil, **97,** 45; **00,** 149.
orange extract, **01,** 176; **10,** 516.
orange oil, **10,** 516.
oxygen consumed, **00,** 203.
oxygen equivalent, **98,** 191.
pancreatin, **10,** 575.
paprika, **11,** 148.
paraffin, **02,** 227.
paregoric, **12,** 168.
peanut oil, **97,** 45.
peas, canned, **10,** 491.
pentosans, **11,** 157.
pepper, **96,** 34; **97,** 22.
peppermint oil, **10,** 516.
pepsin, **11,** 184.
pickles, **02,** 220.

Analytical methods—continued.
polarization, **96,** 7; **97,** 61; **98,** 158, 220; **99,** 129, 158; **01,** 128, 206; **02,** 278; **03,** 144; **09,** 239; **10,** 561; **12,** 113, 115.
polymerization of oils, **12,** 174.
potash, **00,** 178; **08,** 612; **12,** 165.
proprietary medicines, **12,** 184–201.
proteolytic power, **10,** 576; **11,** 184.
purin bases, **08,** 612.
Renard test, **97,** 45.
refractive index, **00,** 142, 149, 217; **01,** 173, 205; **09,** 238.
residue on evaporation, **00,** 203. See also solids.
Rimini test, **00,** 127.
Roese-Gottlieb method, **09,** 192.
saccharin, **99,** 133; **02,** 220.
salt. See sodium chloride and chlorine.
sarsaparilla extract, **11,** 193.
sausage, **97,** 39; **12,** 122.
sedimentation test, **11,** 109.
sesame oil, **97,** 45; **00,** 152.
soda, **00,** 178.
sodium chloride, **10,** 492.
solids, **99,** 129; **00,** 126; **01,** 105, 137, 154, 172; **04,** 134; **06,** 130; **09,** 191; **10,** 515.
spaghetti, **01,** 197.
specific gravity, **97,** 45, 63; **98,** 222; **00,** 126, 138, 149, 217; **01,** 195, 172.
spices, **98,** 186–191.
starch, **98,** 189; **00,** 174–177; **02,** 275–278; **03,** 142–144; **09,** 228; **12,** 122.
sucrose, **99,** 129; **06,** 130; **09,** 191; **11,** 109; **12,** 116.
sugar, cane. See sucrose.
invert, **12,** 113, 117.
milk. See lactose.
reducing. See copper.
table sauces, **01,** 107.
tannin equivalent, **98,** 191.
tea, **98,** 131.
temperance drinks, **99,** 129.
theobromin, **02,** 274; **03,** 130.
tin, **10,** 492.
Tocher test, **00,** 153.
Tushschmid formula, **99,** 129.
turmeric, **96,** 45; **01,** 174; **04,** 139.
turpentine, **12,** 174.
vanilla extract, **01,** 154–162.
vanillin, **01,** 155.
vermicelli, **01,** 197.
vinegar, **11,** 157.
waters, table, **00,** 203.
wintergreen oil, **10,** 517.
Anatomy of black bindweed, **02,** 346; black currant, **02,** 312; blackberry, **02,** 303; broom corn, **02,** 328; chess, **03,** 171; cocoanut, **01,** 208; cotton seed, **03,** 180; cranberry, **02,** 317; darnel, **03,** 165; durrha, **02,** 334; foxtail, **02,** 352, 358; gooseberry, **02,** 313; hemp seed, **03,** 175; huckleberry, **02,** 322; kaffir corn, **02,** 334; madia seed, **03,** 190; maize seed, **03,** 190; milo maize, **02,** 334, 335;

Anatomy of—continued.
niger seed, **03,** 193; peanut, **04,** 191; red currant, **02,** 307; red raspberry, **02,** 296; sesame seed, **03,** 187; sorghum, **02,** 326; strawberry, **02,** 289; sugar sorghum, **02,** 333.
Anglo-American Catarrhal Powder. See catarrh powders.
Anilin acetate test, **12,** 117.
Animal products, carbohydrates, **13,** 86.
Antacid tablets, analysis, **99,** 147.
Anti-fat remedies, analyses, **14,** 261.
brands, Clark's Thinning Salts, **14,** 262; Marmola, **14,** 263; Parnotis, **14,** 261; Phy-thy-rin, **14,** 263; Phytoline, **14,** 262.
Antikamnia tablets. See headache preparations.
Antipyrine, in Kosine, **14,** 327.
Antiquary Scotch whiskey, analysis, **14,** 337.
Apple brandy, analysis, **08,** 712.
butter, analyses, **98,** 126, 128; **08,** 588.
brands, Heinz, **98,** 128; Ritter, **08,** 588; West Virginia Pres. Co., **98,** 128.
jelly, analyses, **98,** 115, 118; **08,** 592, 593.
brands, Ritter, **08,** 592; West Virginia Pres. Co., **08,** 593.
juice, analyses, **11,** 113, 133. See also cider.
brands, Duffy, **11,** 113, 133; Thompson, **11,** 113.
standards, **11,** 112.
Apples, candied, analysis, **11,** 202.
dried, analyses, **12,** 101.
brands, Amer. Fruit Prod. Co., Austin, Nichols and Co., Bown; Gaylord; Gold Medal; Hartmann and Burns; Higgins; Smith; Williams, **12,** 101.
net weight, **12,** 101, 145.
"A" Preservaline, analysis, **99,** 150.
Apricot jam, analyses, **08,** 586, 588; **11,** 160.
brands, Curtice Bros., **08,** 588; Leggett, **08,** 588; Logan, Johnson and Co., **08,** 588; Ritter, **08,** 586; **11,** 160.
Apricots, dried, analyses, **12,** 101. See also sulphurous acid.
brands, Bushnell; Williams, **12,** 101.
net weight, **12,** 101.
Aqua ammonia. See ammonia water.
Aqua ammoniae fortior. See ammonia water.
Aqua hamamelidis. See witch hazel.
Aqua hydrogenii dioxidii. See hydrogen dioxide.
Arata's wool test, **99,** 130; **01,** 129.
Arctic Chemical Compound, analysis, **12,** 304.
Arethusa spring water, analysis, **00,** 211.
Arrowroot biscuit, analysis, **14,** 230.
starch, in cocoa, **02,** 252.
Arsenic, in cow stomach tissues, **12,** 207.
in glycerine, **12,** 158.
in Stephan's Clescalp, **14,** 290.
in wheat middlings, **12,** 158.
See also Fowler's solution.
Arsenic oxide. See arsenic.
Arsenious oxide, in wheat flour, **10,** 578. See also Fowler's solution.
Artichokes, net weight, **12,** 139.
Artificial flavor, examination, **11,** 202
in almond extract, **10,** 497.
in banana extract, **10,** 510, 512.
in carbonated drinks, **99,** 117; **02,** 215; **11,** 197.
in jellies, **98,** 111.
in jelly powder, **08,** 584; **09,** 200; **13,** 288.
in lemon extract, **06,** 150; **09,** 208.
in orange extract, **10,** 506.

Artificial flavor—continued.
in peppermint extract, **10,** 508.
in pineapple extract, **10,** 510, 512.
in raspberry extract, **01,** 178; **10,** 511, 512.
in soda water syrups, **99,** 117; **02,** 203, 205; **08,** 585; **11,** 197, 212.
in strawberry extract, **01,** 177; **10,** 511, 512.
in vanilla crystals, **01,** 163.
in vanilla extract, **01,** 157, 159, 204; **05,** 133, 135; **06,** 145; **07,** 161; **09,** 234; **11,** 203.
in wintergreen extract, **10,** 514.
Arvon. See Liquid Arvon.
Asafetida, powdered, analyses, **12,** 151, 152, 204. See also lime and sulphuric acid.
standards, **12,** 150.
Ash, methods, **98,** 109, 132, 186; **01,** 128, 172; **03,** 130; **04,** 135; **06,** 130; **08,** 611, 685; **09,** 191; **12,** 117.
See also aconite root, Albulac, alfalfa bread, asafetida, banana flour, beef wine and iron, beer, bindweed, biscuits, blackberry brandy and cordial, Bombay mace, breakfast foods, bouillon, bread, buckwheat hulls, canned corn, canned peas, canned pumpkin, canned tomatoes, cassia buds, cheese, chili sauce, chocolate, cider, clove stems, cocoa, cocoa shells, cod liver oil emulsions and wines, coffee, condensed milk, confectionery, crackers, cream, cubebs, currants, date stones, Dehydro foods, diabetic foods, dried eggs, fig syrups, foxtail, Fruit Puddine, gelatine, honey, ice cream cones, ice cream powders, infant and
Ash, methods—continued.
invalid foods, jams, jellies, jelly powders, ketchup, laxative preparations, lemon extract, linseed meal, macaroni, malt extract, maple sugar and syrup, meat extracts, meat juices and preparations, milk powder, milk sugar, noodles, various nuts shells, orange extract, peanut butter, pepper shells, Peptol, pie preparations, prepared mustard, proprietary medicines, Puregg, pumpkin, red sandalwood, rice, root beer extract, Sanatogen, sarsaparilla extract, sawdust, soda water syrups, sorghum seed, spaghetti, various spices, Steriline, table sauces, tea, tomatoes, tomato soup, vermicelli, vinegar, wheat bran and screenings, worm syrups, and Zanzibar Carbon.
Ash, alkalinity, methods, **02,** 274; **03,** 130; **11,** 109.
See also blackberry brandy and cordial, chocolate, cider, cocoa, coffee, cream, maple sugar and vinegar.
acid-insoluble, methods, **98,** 186; **02,** 273; **03,** 130. See also sand.
water-insoluble, methods, **98,** 132; **10,** 575. See also asafetida, coffee, fig syrups, maple sugar, rice and vinegar.
water-soluble, methods, **98,** 132, 186; **02,** 272; **03,** 130. See also blackberry brandy and cordials, breakfast foods, chocolate, cocoa, coffee, maple sugar and various spices.
Asparagus, canned, analysis, **13,** 302. See also sodium fluoride.
brands, Humbert and Andrews, **13,** 302.
net weight, **12,** 139.
Asparox. See meat extracts.
Asthmador. See asthma powders.

Asthma powders, analyses, **09,** 250.
brands, Schiffmann's Asthmador, **09,** 250; Whitman's, **09,** 250.
Atwood's Vegetable Physical Jaundice Bitters. See bitters.
Avena-Gluten Biscuit. See diabetic foods (Kellogg).
Ayer's Hair Vigor. See hair remedies.
Ayer's Hygienic Coffee Substitute, analysis, **96,** 61.
Ayer's Sarsaparilla. See sarsaparilla extracts.

Babbitt's lye, analysis, **13,** 305.
Babcock test glassware, inspection, **13,** 308.
Bacon, net weight, **12,** 142.
Baking powder, analyses, **00,** 166–173; **02,** 256; **04,** 154; **06,** 158; **13,** 67; **14,** 244.
brands, S. S. Adams, **00,** 171; American Tea Co., **00,** 173; Andresen, **04,** 154; Babbitt, **00,** 167; Bako, **00,** 173; Baldwin, **00,** 171; Barnett, **04,** 154; Becker, **04,** 154; Beers, **04,** 154; Boardman, **04,** 154; Boston, **00,** 169; Carlson, **04,** 154; Casoid, **13,** 67; Centennial, **00,** 173; Centennial Amer. Tea Co., **00,** 173; Chapman, **00,** 173; Cleveland, **00,** 167; Climax, **04,** 154; Coe and White, **04,** 154; Columbia Tea Co., **00,** 171, 173; Crook, **04,** 154; Crystal, **00,** 171; Daisy, **00,** 171; Danbury Groc. Co., **04,** 154; Davenport, **04,** 154; Davis, **00,** 171; Dieto, **14,** 244; Disco, **00,** 173; Doran, **00,** 173; Doyle, **04,** 154; Dutton, **00,** 167; Eagle, **00,** 171;
Baking powder—continued.
Eastern Tea Co., **04,** 154; Edwards, **00,** 171; Ehle, **04,** 154; Fairy, **04,** 154; Farmer's Trading Co., **04,** 154; Ferris, **00,** 173; Fidelity, **00,** 167; Fiedler, **04,** 155; Fischer, **00,** 173; Franklin, **00,** 171; French, **04,** 155; "3G" Grocery, **04,** 155; Gibbons, **00,** 173; Gilson, **00,** 173; Gold Medal, **00,** 171; Grand Union Tea Co., **00,** 171; Grant, **00,** 171; Great Atl. and Pac. Tea Co., **00,** 171; Guilfoil, **00,** 167; Hanlon, **00,** 173; Harrison and Lautzenheiser, **04,** 155; Higgins, **00,** 171; **04,** 155; Hills, **00,** 167; Home Tea Co., **00,** 171; Hoople, **04,** 154; Howell, **04,** 155; Hoyt and Scott, **04,** 155; Hudson, **04,** 155; Independent, **01,** 204; **04,** 154; Isenburg, **04,** 155; Jacques, **00,** 173; **04,** 155; Jireh, **06,** 158; **13,** 67; Lawton, **00,** 173; **04,** 155; Lenox, **00,** 171; Lincoln, **00,** 167; London, **04,** 154; Lynch, **00,** 171; Mahoney, **04,** 154; Malumphy, **04,** 155; Marble, **00,** 171; McKeon, **04,** 155; Mendel and Freedman, **00,** 173; Model Grocery Co., **00,** 173; Mohican Co., **04,** 154; Monarch, **00,** 171; Mulcunry, **04,** 155; New Britain Tea Co., **00,** 173; New England Tea Co., **00,** 173; Newton, Robertson and Co., **00,** 167; New York and China

Baking powder—continued.
Tea Co., **00,** 173; Norton, **04,** 155; Oldershaw, **00,** 171; **04,** 155; Orton, **04,** 154; Osborn, **00,** 171; Osterbank, **00,** 171; Otham, **04,** 155; Penna. Merch. Co., **00,** 171; Phelan, **00,** 171; Pilgrim, **00,** 171; Price, **00,** 167; Quaker, **04,** 155; Ralston, **04,** 154; Reliable, **00,** 171; Rising Sun, **00,** 171; Rival, **00,** 173; Robertson, **00,** 167; Rose and Wills, **04,** 155; Royal, **00,** 167; Rudolph, **04,** 155; Rumford, **00,** 169; Sadd, **04,** 155; Schilling, **00,** 167; Sea Foam, **04,** 154; Sherwood, **00,** 173; Slade, **04,** 154; Smith, **00,** 171; Snow Flake, **04,** 154; Spencer, **00,** 171; Stacey, **00,** 173; Standard Tea Co., **00,** 173; Star Tea Co., **04,** 155; Stuart and De Mouth, **04,** 155; Sullivan, J. B., **00,** 171, 173; **04,** 155; Sullivan, J. J., **00,** 171; Swan and Babcock, **04,** 155; Sweetheart, **00,** 171; **02,** 256; Torrington, **04,** 155; Union Groc. Co., **04,** 155; Union Pacific Tea Co., **00,** 171; Union Supply Co., **04,** 155; Union Tea Co., **04,** 155; United Nine Co., **00,** 167; Vermilyea, **00,** 173; Wabash, **04,** 155; Walsh, **00,** 173; **04,** 155; Washington, **00,** 173; Wassing, **04,** 155; Waterbury W. W., **00,** 173; Waterbury Cash Groc. Co., **04,** 155; Welch, **00,** 171; Wheeler, **00,** 173; Williams, **00,** 167.
methods, **00,** 169.
net weight, **12,** 145.
See also gypsum, talc and tremolite.
Balsam of myrrh. See Hanford.
Banana extract, analyses, **10,** 510, 512. See also artificial flavor.
brands, Burnett, **10,** 510; Stickney and Poor, **10,** 512.
net volume, **10,** 510, 512.
flour, analyses, **99,** 156.
Barberry jelly, analysis, **98,** 118.
Barium sulphide, in depilatories, **14,** 279, 280.
Barley coffee, analysis, **98,** 143, 144; **05,** 121; **14,** 244.
Crystals, analysis, **13,** 34.
flour, analysis, **13,** 20.
pearled. See breakfast foods.
Battle Creek preparations. See biscuits, crackers and diabetic foods.
Baudouin test, **97,** 45; **00,** 152. See also olive oil.
Bay rum, analyses, **09,** 271; **14,** 248, 334. See also coal-tar dyes, salt and wood alcohol.
B. B. Preservaline, analysis, **99,** 145,
Beans, in black pepper, **07,** 154.
net weight, **12,** 139.
Bechi test, **96,** 23; **97,** 45; **00,** 142. See also lard, lard substitutes and olive oil.
Beecham's Pills, analysis, **14,** 309.
Beef, corned, net weight, **12,** 142.
extracts. See meat extracts.
jelly. See Mosquera.
juice. See meat juice.
stearin, in lard substitutes, **96,** 29–31; **00,** 148; **02,** 222; **03,** 149; **05,** 118; **06,** 125; **09,** 202.
tea lozenges. See meat capsules and bouillon.

Beef, wine and iron, analyses, **08,** 676–679, 683.
brands, Amer. Drug. Syndicate, **08,** 677; Clinton, **08,** 678; Doyle, **08,** 678; Hance Bros. and White, **08** 678; Harris, **08,** 678; Ingram, **08,** 679; Irondequoit, **08,** 679; Mattison, **08,** 676; Merrell, **08,** 676; Narco, **08,** 678; Prudential, **08,** 679; United Drug Co., **08,** 677; Wampole, **08,** 678; Wyeth, **08,** 677.
methods, **08,** 685.
net volume, **08,** 676.
standards, **08,** 673.
Beer, analyses, **98,** 154. See also salicylic acid and malt extracts.
brands, Aktien, **98,** 154; Bachmann, **98,** 155; Beadleston and Woerz, **98,** 154; Bergner and Engel, **98,** 154; Feigenspan, **98,** 155; Fresenius, **98,** 155; Gross (Würzbürger), **98,** 154; Hollender (München), **98,** 154; Liebmann, **98,** 155; Meyer (München), **98,** 154; Narragansett, **98,** 154, 155; Pabst, **98,** 154; Pschorr, **98,** 154; Quinnipiac, **98,** 154; Rochester, **98,** 154, 155; Ruppert, **98,** 154; Schlitz, **98,** 154; Schaefer, **98,** 154, 155; Sedlmayr, **98,** 154; Springfield, **98,** 154, 155; Toledo, **98,** 154; Ulmer, **98,** 154; Weibel, **98,** 154; Weidemann, **98,** 154.
Beer, near, analyses, **12,** 205, 207; **13,** 303.
brands, Ebling's, **12,** 207; Hornig's, **13,** 303.
Beer preservatives. See preservatives.
Beets, analyses, **04,** 189.
net weight, **12,** 139.
Belfield test, **96,** 23; **00,** 144. See also lard and lard substitutes.
Belladonna, in belladonna plasters, **14,** 251.
in belladonna tinctures, **14,** 335.
in Cubanos, **12,** 193.
Belladonna plasters, analyses, **14,** 251.
brands, Bauer and Black; Jaynes; Johnson and Johnson; Seabury and Johnson, Seabury Pharm. Lab., **14,** 251.
tincture, analyses, **14,** 335.
Benger's Food for Infants, analysis, **08,** 604.
Berkshire distilled water, analysis, **00,** 213.
Bernhard's Kirschen mit Stein, analysis, **13,** 285.
Berries, carbohydrates, **13,** 91.
Bilberries, analysis, **13,** 68, 71.
Bindweed, black, analyses, **02,** 344.
anatomy, **02,** 346.
in wheat screenings, **02,** 341.
Bing, cocaine in, **09,** 251.
Birch beer, analyses, **99,** 117, 124, 126, 136, 137; **02,** 212; **11,** 197.
brands, Clancey, **99,** 127; Crystal Springs, **11,** 197; Everett, **99,** 124; Frankel, **11,** 197; Gilhuly and Bohen, **99,** 124; Lutton, **02,** 212; Mohican, **99,** 124; Mosca, **99,** 124; Scovill, **99,** 124; Star, **99,** 124; Wahrenberger, **99,** 124.
See also saccharin and salicylic acid.

Birney's Catarrh Powder. See catarrh powders.
Birt's Head Wash, analysis, **14,** 282.
Biscottes Lucullus. See diabetic foods (Charrasse).
Biscuits, analyses, **06,** 157, 159, 164; **08,** 711; **11,** 135; **12,** 108, 111, 112; **13,** 26–34, 285; **14,** 228–237, 244–247. See also bran biscuit, cheese wafers, diabetic foods, ginger wafers, graham crackers, laxative preparations, soda crackers, water crackers and whole wheat preparations.
brands, Huntley and Palmer, **14,** 228; Johnson, **14,** 228; Loose-Wiles (Sunshine), **14,** 228; Meyer and Lange, **14,** 228; National Biscuit Co., **14,** 230; Quaker Oats Co., **14,** 230.
net weight, **12,** 144; **14,** 228–230.
Bismuth oxide. See bismuth subcarbonate and bismuth subnitrate.
subcarbonate, analysis, **10,** 579.
in skin remedies, **14,** 296, 298.
subgallate, in Mi-o-na, **14,** 315.
subnitrate, analyses, **10,** 559.
Bittermead, analysis, **11,** 133.
Bitters, analyses, **14,** 267–275.
brands, A. D. S., Atwood, Boker, Bucklen, Burdock Blood, Hopkins, Hostetter, Kaufmann, Lash, Nyal, Porter, Severa, Thompson, Turf Club, Von Koster, **14,** 272.
Biuret test, **08,** 612. See also meat extracts.
Blackberry, anatomy, **02,** 303.
brandy, analyses, **14,** 250. See also alcohol, blackberry cordial, glucose and salicylic acid.
brands, Brown, Hall, Leverone, Notkins, **14,** 250.
cordial, analyses, **14,** 250. See also alcohol.
brands, Acker, Merrall and Condit, Beckman, Donaghue, Shafer, **14,** 250.
Blackberry—continued.
jam, analyses, **98,** 123, 127; **01,** 125, 126, 133.
brands, American Pres. Co., **01,** 126; Ams, **98,** 123; Bishop, **01,** 125; Campbell, **98,** 123.
juice, analyses, **99,** 136; **14,** 250. See also alcohol.
brands, Garrett, **14,** 250; Shafer, **14,** 250.
Blue Seal Preservative, analysis, **99,** 146.
Bohan's artesian well water, analysis, **00,** 213.
Boker's Stomach Bitters. See bitters.
Bologna. See sausage.
Bombay mace. See mace.
Bonano, analysis, **13,** 201.
Borax, analyses, **99,** 152; **08,** 710.
brands, Archibald and Lewis, **99,** 153; **08,** 710; Blanchard, **99,** 153; Condon, **99,** 153; Pacific Coast Borax Co., **08,** 710; Squibb, **99,** 152.
in hair remedies, **14,** 284, 290.
in skin remedies, **14,** 300, 301, 307.
standards, **08,** 710.
See also boric acid, oakite and sodium bicarbonate.
Bouillon, analyses, **10,** 493.
capsules. See meat extracts.
cubes, analyses, **11,** 162; **14,** 238.
Bovinine. See meat juices.
Bovox. See meat extracts.
Bovril. See meat extracts.
Bowel remedies. See stomach.
Brah-Ma, analysis, **13,** 285.
Bran biscuits, analyses, **14,** 236.
brands, Christian, Dietetic Food Co., Health Food Co., Huntley and Palmer, Johnson, Kellogg, Mansfield, **14,** 236.
Bran Biskue, analysis, **14,** 236.
Brandy, analysis, **11,** 212. See also apple and blackberry.
Brazil nut shells, analysis, **98,** 210.

Bread, aerated. See luft bread.
alfalfa, analysis, **11,** 212.
gluten. See gluten.
wheat, analyses, **13,** 258–263.
weight of loaves, **13,** 258.
Breakfast foods, analyses, **96,** 68; **00,** 156; **06,** 165; **09,** 170–173; **10,** 550; **11,** 135; **12,** 112; **13,** 291; **14,** 236, 244, 246.
brands, Barley Crystals, **13,** 34; Brose, **14,** 236; Brusson Farine au Gluten, **13,** 34; Brusson Semolina, **10,** 550; **12,** 112; **13,** 34; Cerealine, **09,** 170; Cerena, **10,** 550; Christian's Laxative Cereal Flakes, **09,** 170; Cook's Flaked Rice, **09,** 172; Cook's Malto Rice, **09,** 172; Cream of Wheat, **09,** 170; Cresco Grits, **13,** 34; Crystal Wheat, **14,** 236; Dieto Nut Cereal, **14,** 244; Dieto Wheat and Barley Cereal, **14,** 244; E-C Corn Flakes Toasted, **09,** 170; Force, **06,** 165; **09,** 172; Fould's Wheat Germ Meal, **96,** 68; Frumenty, **13,** 34; F. S. Granulated Hominy, **09,** 170; Grandmother's A. and P. Farina, **09,** 170; Grandmother's Crushed Oats, **09,** 170; Granola, **11,** 135; **12,** 112; **13,** 34; Grape-Nuts, **09,** 172; Gum Gluten Breakfast Food, **06,** 157; **11,** 135; **12,** 112; **13,** 34; **14,** 246; Gum Gluten Granules, **06,** 157; **11,** 135; **12,** 112; **13,** 34;
Breakfast foods—continued.
14, 246; Hazard's Wheat Protein Breakfast Food, **13,** 34; Health Brand Oats, **09,** 170; Hecker's Farina, **09,** 170; H. O., **96,** 68; **09,** 170; H. O. Hominy, **09,** 170; Holland Rusk, **09,** 172; Hoyt's Gum Gluten, **11,** 135; **12,** 112; Jireh Whole Wheat Frumenty, **13,** 34; Kellogg's Toasted Corn Flakes, **09,** 170; Korn Kinks, **09,** 170; Manana, **13,** 34; **14,** 244; Mapl-Flake, **09,** 170; Malt Breakfast Food, **09,** 170; Malto Rice, **09,** 172; Milk Rice, **09,** 172; Mother's Crushed Oats, **09,** 170; Nichols Snow White Samp, **09,** 170; Paw-Nee Rolled Oats, **09,** 170; Pettijohn's Breakfast Food, **96,** 68; **09,** 170; Pettijohn's Breakfast Gem, **96,** 68; Pillsbury's Best Cereal, **09,** 170; Post Tavern Special, **13,** 291; Post Toasties, **09,** 170; Premier Farina, **09,** 170; Premier 15 Minute Oat Flakes, **09,** 170; Quaker Cracked Wheat, **09,** 170; Quaker Oats, **96,** 68; **09,** 170; Quaker Puffed Rice, **09,** 172; Quaker Toasted Corn Flakes, **09,** 170; Quaker Wheat Berries, **09,** 172; Quaker Yellow Corn Meal, **09,** 170;

Breakfast foods—continued.
Ralston Health Club Breakfast Food, **96,** 68; **09,** 170; Ralston Hominy Grits, **09,** 170; Saxon Wheat Food, **09,** 170; Scotch Pearled Barley, **09,** 170; Shredded Wheat Biscuit, **00,** 156; **09,** 172; Sovereign 15 Minute Oat Flakes, **09,** 170; Street's Perfection Farina, **09,** 170; Street's Perfection Hominy, **09,** 170; Street's Perfection Rolled Oats, **96,** 68; Street's Perfection Toasted Oats, **96,** 68; Street's Perfection Wheatine, **96,** 68; Triscuit, **09,** 172; Trix, **13,** 291; Wheatena, **96,** 68; **09,** 179; Wheatlet, **96,** 68; **09,** 170; White Rose Rolled Oats, **09,** 170; Zest, **09,** 172.
methods, **09,** 169.
net weight, **09,** 170; **10,** 550; **12,** 145; **13,** 34; **14,** 236, 244, 246.
Bromides, in Kosine, **14,** 327.
in soothing syrups, **14,** 308.
Bromo-Lithia. See headache preparations.
Bromo-Seltzer. See headache preparations.
Broom corn, anatomy, **02,** 328.
Brose, analysis, **14,** 236.
Buchu. See Kargon.
Bucklen's Electric Bitters. See bitters.
Buckwheat, in black pepper, **96,** 39, 40; **97,** 20; **98,** 171; **01,** 191; **02,** 244; **04,** 163.
in cayenne pepper, **97,** 23.
in cinnamon, **97,** 32.
Buckwheat—continued.
in ginger, **01,** 192.
in white pepper, **96,** 43; **01,** 191; **04,** 163.
flour, analyses, **00,** 116–119; **04,** 145–147; **07,** 128; **13,** 303.
brands, Atlantic Mills, **04,** 147; Barber and Bennett, **04,** 147; Borst and Burhaus, **04,** 147; Bridgeport Public Market, **04,** 147; Burton and Davis, **00,** 118; Cold Snap Prepared, **00,** 118; Davey's Atlas, **00,** 118; Eureka, **04,** 147; Ever Ready, **04,** 147; Gansevoort, **04,** 147; Great Atl. and Pac. Tea Co., **04,** 147; Hecker, **04,** 147; H. O., **00,** 116; **04,** 147; Mohican Co., **04,** 147; Mountain Mills, **00,** 118; Penn Mills, **00,** 118; Pieser-Livingstone, **04,** 147; Port Jefferson, **00,** 118; Russell and Birkett, **00,** 118; Street, **00,** 118; **04,** 147.
See also corn, oats, sand and wheat.
hulls, analyses, **98,** 199.
middlings, analyses, **96,** 41.
Bull's Cough Syrup. See cough medicines.
Burdock Blood Bitters. See bitters.
Burgundy wine, analysis, **13,** 72.
Butter, analyses, **97,** 63; **98,** 222; **00,** 216; **01,** 205; **11,** 211.
fat, standard, **03,** 113; **04,** 109.
methods, **97,** 63; **98,** 222; **00,** 216; **01,** 205.
net weight, **12,** 201.
process, analyses, **00,** 216.
standard, **03,** 114; **04,** 109.
renovated. See process butter.
standard, **03,** 114; **04,** 109.
See also almond, apple, nut and peanut butter.
Buttermilk, analysis, **11,** 210.

Cabernet wine, analysis, **13,** 72.
Cacao butter, analyses, **11,** 163.

Cacao butter—continued.
net weight, **11,** 163.
See also proprietary medicines.
Cadum, analysis, **14,** 295.
Caffein, carbonated drinks, **09,** 230.
methods, **02,** 274; **03,** 130.
See also chocolate, coca cola, cocoa, coffee and headache preparations.
Cakes, analyses, **13,** 30–34, 70, 285; **14,** 228–237, 244–246.
Calcium carbonate, in table salt, **08,** 597.
chloride, in Eckman's Alterative, **14,** 275.
in table salt, **08,** 597; **14,** 333.
hydroxide. See lime water.
oxide. See lime.
phosphate, in cream of tartar, **00,** 181.
in table salt, **08,** 597.
sulphate, in asafetida, **12,** 151.
in Hyper-Samphire, **01,** 185.
in precipitated sulphur, **12,** 171.
in table salt, **08,** 597; **14,** 333, 336.
See also gypsum.
California Syrup of Figs, etc., analysis, **12,** 155.
Callard, Stewart and Watt foods. See diabetic foods.
Calocide Compound, analysis, **14,** 316.
Calomel, analyses, **13,** 295.
Calories in almond paste, **13,** 37; almonds, **13,** 37; biscuits, **13,** 27–35, 285, 293; **14,** 228–237; Bonano, **13,** 293; breads, **13,** 25–35, 285; breakfast foods, **09,** 173; **13,** 35; **14,** 236, 244, 246; chocolate, **13,** 39, 285; **14,** 244, 246; cocoa, **13,** 39; crackers, **13,** 27–35, 285; **14,** 228–237, 244–246; Dehydro foods, **13,** 282; diabetic foods, **13,** 19–39, 285; **14,** 244–247; flours, **13,** 19–23, 285; Instant Postum, **13,** 292; Kaffeebrod, **13,** 39;
Calories in—continued.
Klim, **13,** 293; macaroni, **13,** 37; malted nuts, **13,** 37; Meltose, **13,** 39; milk, sugar-free, **13,** 39; noodles, **13,** 37; nut butters, **13,** 37, 39; peanut butter, **13,** 37; peas, canned, **10,** 486; pine nuts, **13,** 37; protein preparations, **13,** 23–25; vermicelli, **13,** 37.
Camphor, methods, **09,** 239; **10,** 561.
monobromated. See headache preparations.
polarization, **09,** 239.
See also camphor liniment, cough medicines, proprietary medicines and spirit of camphor.
Camphor liniment, analyses, **09,** 240-247; **11,** 162, 205.
losses on keeping, **09,** 243.
methods, **09,** 238.
standards, **09,** 238.
Camphor, spirit of, analyses, **10,** 560, 561.
standard, **10,** 560.
Camphorated oil. See camphor liniment.
Candy, standard, **03,** 117; **04,** 112.
toys, analyses, **13,** 279.
See also confectionery.
Cane sugar. See sucrose.
Cantharidin, in hair remedies, **14,** 281, 284, 285, 287, 288, 291.
Canthrox, analysis, **14,** 283.
Capsicum, in ginger extract, **10,** 501.
in hair remedies, **14,** 282, 284, 285, 287.
Caramel, in ginger extract, **10,** 501.
in vanilla extract, **01,** 153, 204; **05,** 134; **06,** 143; **09,** 234; **13,** 304.
methods, **01,** 161.
Caramels, analyses, **13,** 269.
Carbohydrate content of foods, **13,** 86–94. See alcoholic beverages, animal products, baking powder, berries, bread, breakfast foods, cereals, chocolate,

Carbohydrate—continued.
cocoa, condiments, crackers, custard powders, diabetic foods, edible pastes, fats, fish, flours, fruits, fruit juices, ice cream powders, infant foods, jams, jellies, jelly powders, marmalades, meats, mince meat, non-alcoholic beverages, nuts, oils, pastry, pickles, poultry, preserves, soups, sugars, syrups, vegetables and wines.
Carbonated beverages, analyses, **99,** 136; **02,** 195, 212; **09,** 229; **13,** 299; **14,** 334.
methods, **99,** 129.
See also caffein, capsicum, coal-tar colors, cochineal, boric acid, benzoic acid, glucose, saccharin and salicylic acid.
Cardiol, analysis, **14,** 309.
Carnrick's Coca Muscatel, analysis, **09,** 259.
Lacto-Preparata, analysis, **08,** 604.
Soluble Food, analysis, **08,** 604.
Carter's Little Liver Pills, analysis, **14,** 292.
Casein, analysis, **14,** 336. See also Cerena, milk powder and Sanatogen.
Casoid preparations. See diabetic foods (Callard, Stewart and Watt).
Cassava starch, in mustard, **06,** 139 **07,** 157.
in white pepper, **06,** 139.
Cassia. See cinnamon.
Cassia buds, analysis, **98,** 205.
Castor oil, analyses, **09,** 248.
standard, **09,** 248.
Castor oil pills, analyses, **09,** 271, 278.
Catarrh medicines, analyses, **09,** 249–251, 276; **10,** 580; **14,** 275.
brands, Agnew, **09,** 249; Anglo-American **09,** 249; Bing, **09,** 251; Birney, **09,** 249; Cole, **09,** 250; Cubanos, **12,** 192; Ely's Liquid Cream Balm, **12,** 192; Gray, **09,** 250; Hayes-Agnew, **09,** 276; Marshall, **09,** 250; Munyon's Catarrh Tablets, **14,** 277; Sage, **09,** 250; **14,** 276; Schiffman's Asthmador, **09,** 250; Whitman, **09,** 250.
cocaine in, **09,** 249–251; **10,** 580.
Catawba wine, analysis, **12,** 72.
Catsup. See ketchup.
Cayenne. See pepper.
"C. B. X." Cold Blast Flour, analysis, **11,** 135; **12,** 111; **13,** 18.
Celery, copper in, **12,** 206.
Century, analysis, **99,** 126, 137.
Cereal foods. See breakfast foods.
Cerealine. See breakfast foods.
Cereal Milk, analysis, **08,** 604.
Cereals carbohydrates, **13,** 87.
Cerena, analysis, **10,** 550.
Cereo soy bean flour, analysis, **12,** 108, 111; **13,** 18.
Ceylon moss, in Colax, **14,** 235.
Champagne, analysis, **13,** 72.
Champlin's Liquid Pearl, analysis, **14,** 295.
Charcoal, in black pepper, **01,** 191, 204.
in confectionery, **13,** 278.
in ginger, **01,** 192.
Cheese, analyses, **96,** 49; **02,** 228; **13,** 95, 298; **14,** 336.
brands, Camembert, **02,** 228; **13,** 95, 298; Chandler and Rudd, **02,** 228; Clover Leaf, **02,** 228; Cottage, **13,** 95; Cream, **13,** 95; Eagle Brand, **02,** 228; Edam, **13,** 95; Gourlay Thompson Co., **02,** 229; International Welsh Rabbit, **13,** 298; Isigny, **13,** 298; Liederkranz, **13,** 298; MacLaren, **02,** 229; **13,** 298;

Cheese—continued.
Manhattan Club, **02,** 229; Münster, **13,** 95; Neufchatel, **02,** 228, 229; **13,** 95, 298; Roquefort, **02,** 229; **13,** 95; Sap Sago, **13,** 298; Shefford Snappy, **13,** 298; Star, **13,** 298; Swiss, **13,** 95.
lactose in, **13,** 95.
loss in weight, **13,** 298.
methods, **96,** 49; **13,** 95.
standard, **03,** 114; **04,** 110.
See also boric acid, ether extract, protein and water.
Cheese wafers, analyses, **14,** 232.
brands, Huntley and Palmer, National Biscuit Co., Sunshine, **14,** 232.
Chenopodium, in worm syrups, **14,** 327.
Cherries, canned, net weight, **12,** 141.
diabetic, analyses, **13,** 285.
Maraschino. See Maraschino.
Cherry cider, analysis, **02,** 212.
Cherry Hill spring water, analysis, **00,** 211.
Cherry jam, analyses, **98,** 123, 127; **01,** 126; **08,** 584, 588.
brands, Alden and Nicholson, **01,** 126; Beech-Nut, **08,** 584; Curtice Bros., **98,** 122; Leggett, **08,** 588.
jelly, analyses, **01,** 133.
juice, analyses, **99,** 136.
Cherry syrup, analyses, **99,** 117, 120, 123, 134, 135; **02,** 202.
brands, Burnham, **99,** 123; Smith, **99,** 123.
Chess, anatomy, **03,** 171.
seed, in wheat screenings, **02,** 341.
Chi-Ches-ter's Diamond Brand Pills, analysis, **14,** 326.
Chicory, in coffee, **96,** 55–58; **97,** 15, 17; **98,** 140; **99,** 111; **00,** 122; **01,** 119, 204; **02,** 246; **03,** 145; **04,** 162; **05,** 121; **06,** 136; **07,** 137.
Chicken, canned, net weight, **12,** 142.
Chili sauce, analyses, **97,** 34; **98,** 164; **01,** 137, 145; **04,** 187; **07,** 133; **11,** 110.
brands, Austin, Nichols and Co., **07,** 132; Avery, **01,** 145; Birden, **97,** 34; Campbell, **01,** 145; **04,** 187; **11,** 110; Columbia, **07,** 132; Cruikshanks, **04,** 187; **07,** 132; Doyle, **04,** 187; Eastman, **04,** 187; Flaccus, **01,** 145; Garret Bergen Co., **04,** 187; Gould, **04,** 187; **07,** 133; Hazard, **01,** 137; **07,** 133; **11,** 110; Heinz, **98,** 164; **04,** 187; **11,** 110; Horton-Cato, **11,** 110; Hudson, **04,** 187; Israel, **04,** 187; Libby, **11,** 110; Lutz and Schramm, **07,** 133; McMechen, **01,** 145; Mullen Blackledge Co., **01,** 145; **04,** 187; Pritchard, **04,** 187; **07,** 133; **11,** 110; Snider, **04,** 187; **07,** 133; **11,** 110; Sprague, Warner and Co., **07,** 132; Thompson, **07,** 133; Tip Top, **01,** 145; **04,** 187; Treanor, **01,** 145; Weller, **11,** 110; West Virginia Pres. Co., **04,** 187; **07,** 132; Williams Bros., **07,** 132.
methods, **01,** 137.
net weight, **01,** 137; 145; **04,** 187; **11,** 110; **12,** 143.
See also benzoic acid, coal-tar colors and salicylic acid.
Chloral hydrate, in D. D. D. Prescription, **14,** 296.
Chlorides, in acetic acid, **12,** 147.
in sodium salicylate, **12,** 170.
in syrup of figs, **12,** 155.
See also chlorine and sodium chloride.
Chlorine, methods, **00,** 203; **08,** 612.
See also coffee, meat extracts and table waters.

Chlorinated decomposition products, in chloroform, **13,** 296.
Chloroform, analyses, **13,** 296.
See also alcohol, chlorinated decomposition products, organic impurities and Pinex.
Chocolate, analyses, **03,** 134–140; **05,** 143; **07,** 134; **11,** 103–107, 145; **13,** 38, 70, 71, 285; **14,** 244, 246.
brands, Adams, **11,** 103; Walter Baker and Co., **03,** 134, 135; W. H. Baker, **03,** 136; **07,** 134; **11,** 103; Wm. H. Baker, **03,** 136; **07,** 134; Boston Tea and Coffee Co., **07,** 134; Brewster, **11,** 103; Brusson, **13,** 38; Crane and Martin, **03,** 138; Croft and Allen, **03,** 136; East India Tea Co., **11,** 103; Empire, **03,** 138; Fromm, **13,** 38; Goldscheider, **14,** 244; Groetzsch, **13,** 38; Hardy, **03,** 136; Health Supply Co., **07,** 135; Hövel, **13,** 70; Howland, **05,** 143; **07,** 134; **11,** 103; Huyler, **03,** 134; **11,** 103; Isenburg, **07,** 134; Lipscomb-Speights Co., **03,** 136; Loeb, **14,** 246; Lowney, **11,** 103; Maillard, **11,** 103; Menier, **03,** 134; Mohican Co., **03,** 138; **07,** 134; **11,** 103; M. T. Co., **07,** 134; New England Choc. Co., **03,** 138; Plasmon, **07,** 134; Powers, **03,** 136; Puritan, **03,** 134; Rademann, **13,** 38, 70; Rockwood, **03,** 136; **07,** 134; Runkel, **03,** 134; **07,** 134; **11,** 103; Sanity, **13,** 285; Stollwerck, **07,** 134; **13,** 71; Tropon, **13,** 38; Union Supply Co., **07,** 134; Wilbur, **03,** 134.
methods, **03,** 130; **11,** 109.
net weight, **11,** 102, 105.
standards, **03,** 121; **04,** 116; **11,** 102.
See also cocoanut oil, corn starch, diabetic foods, potato starch, saccharin and wheat flour.
Chocolate candies, analyses, **13,** 268.
diabetic, analyses, **03,** 140; **13,** 38, 70, 71, 285; **14,** 244, 246.
Chocolate, milk, analyses, **03,** 140; **07,** 134; **11,** 106.
brands, Cailler, **07,** 134; **11,** 106; Hershey, **11,** 106; Hooton, **11,** 106; Huyler, **11,** 106; Nestlé, **11,** 106; Peter, **03,** 140; **11,** 106; Pulver, **11,** 106; Plasmon, **03,** 140; **13,** 38; Stollwerck, **11,** 106; Suchard, **11,** 106; Wilbur, **11,** 106.
sweet, analyses, **03,** 134–139; **07,** 135; **11,** 106.
brands, Atkinson, **03,** 138; Austin, Nichols and Co., **11,** 106; Walter Baker and Co., **03,** 134; **11,** 106; W. H. Baker, **03,** 136; **07,** 135; Barker, **03,** 136; **11,** 106; Bensdorp, **03,** 134; Grand Union Tea Co., **11,** 106; Groote, **03,** 134; Hooton, **03,** 134; Howland, **11,** 106; Huyler, **03,** 134; **11,** 106; Knickerbocker, **03,** 136; **11,** 106; Manhattan, **03,** 134; Menier, **11,** 106; Mohican Co., **11,** 106; Powell, **07,** 135; Puritan, **03,** 134; Roberts, **03,** 140; Rockwood, **03,** 136; Runkel, **03,** 134; **11,** 106; Smith, **03,** 138; Walker, **03,** 138; Webb, **03,** 134; Whitman, **03,** 134; **11,** 106; Wilbur, **03,** 134.
Chopped meat, analyses, **04,** 188.
Christian's Laxative Bread. See bran biscuits.
Christian's Laxative Cereal Flakes. See breakfast foods.
Chutney. See table sauces.

Cider, analyses, **11,** 113, 133; **12,** 206; **13,** 303; **14,** 332, 336; See also alcohol and apple juice.
boiled, analyses, **11,** 113.
brands, Duffy, **11,** 113, 133; Eames, **11,** 113; Newhall, **11,** 113; Paulding, **11,** 113; Thompson, **11,** 113; Vermont, **11,** 113.
preservatives. See preservatives.
standard, **11,** 112.
vinegar. See vinegar.
Cinnamon, analyses, **97,** 32; **98,** 181, 182, 205; **99,** 103; **01,** 190, 193; **02,** 237, 238, 245; **04,** 166–168, 175; **05,** 125; **12,** 202.
brands, Allyn and Blanchard, **98,** 180; Archibald and Lewis, **04,** 168; Augur, **98,** 180; Austin, Nichols and Co., **98,** 180; Beard, **98,** 180; Bennett, Simpson and Co., **98,** 180; Bennett, Sloan and Co., **02,** 237; Boardman, **02,** 237; **04,** 168; Bryan, Miner and Read, **98,** 180; Bugbee and Brownell, **98,** 180; Bushnell, **98,** 180; Cahill, **02,** 237; Clark, Chapin and Bushnell, **98,** 180; Colburn, **98,** 180; Columbia Tea Co., **02,** 237; **07,** 157; Daniels, Cornell and Co., **98,** 180; Durkee, **98,** 180; **02,** 237; Farrington, **98,** 180; Fischer, **07,** 157; Gillies, **04,** 167; Hennessy, **02,** 238; Hill, **02,** 245; Howard, **02,** 237; Keife, Davis and Co., **04,** 168; Kibbe, **02,** 237; Leggett, **98,** 180; **02,** 237; Lincoln, Seyms and Co., **98,** 180; **07,** 157; Mansfield, **02,** 238; McGuire, **04,** 167; Miner, Read and Garrette, **02,** 237; Montanye, **98,** 180; **02,** 237; **04,** 167; Murray, **02,** 237; Ovens, **02,** 238; Slade, **98,** 180; **02,** 237; Sovereign, **98,** 180; Stickney and Poor, **98,** 180; Stout, Spencer and Co., **02,** 238; Sultana, **98,** 180; **02,** 238;
Cinnamon—continued.
Union Spice Co., **98,** 180, 182; Upson, **98,** 182; **04,** 168; Wood, **02,** 245.
methods, **97,** 31.
standards, **03,** 118; **04,** 113.
See also buckwheat, cocoanut shells, corn, cotton seed meal, ginger, mustard hulls, red sandalwood, sand and wheat biscuit.
Citrox, analysis, **14,** 296.
Claflin's Coca Wine, analysis, **09,** 259.
Clams, canned, net weight, **12,** 141.
Claret lemonade, analysis, **99,** 122.
syrup, analysis, **99,** 123, 135.
wine, analyses, **13,** 72.
Clark's Thinning Salts, analyses, **14,** 262.
Clerget formula, **99,** 129.
Clove stems, analyses, **98,** 207.
in allspice, **97,** 30; **98,** 179; **01,** 193; **04,** 163; **07,** 154.
in cloves, **98,** 177; **01,** 193; **02,** 245; **04,** 163; **05,** 123; **07,** 155.
Cloves, analyses, **97,** 27, 28; **98,** 177, 207; **99,** 103; **01,** 190, 193; **02,** 238–240, 245; **04,** 168, 169, 175; **05,** 125; **07,** 155–157.
brands, Allyn and Blanchard, **98,** 176; Augur, **02,** 240; Austin, Nichols and Co., **98,** 176; Bennett, Simpson and Co., **98,** 176; Bennett, Sloan and Co., **02,** 240; Boardman, **02,** 240; **04,** 169; Brausfield, **98,** 176; Bushnell, **98,** 176; **02,** 239; **04,** 169; Chandler and Rudd, **02,** 240; Clark, Holly and Ketchum, **98,** 176; Colburn, **98,** 176; Columbia Tea Co., **02,** 245; **07,** 157; Durkee, **98,** 176; Dwinnell Wright Co., **02,** 238; Farrington, **98,** 176; Fischer, **97,** 155; Gillies, **04,** 168; Grand Union Tea Co., **02,** 239; **04,** 168; Gray, **98,** 176; Great Atl. and Pac.

Cloves—continued.
Tea Co., **01,** 193; **04,** 175; **05,** 125; Haskell, Adams and Co., **02,** 240; Hill, **02,** 245; Hills, **98,** 176; Hornick, **02,** 239; Kibbe, **97,** 28; Leggett, **98,** 176; **04,** 175; Lincoln, Seyms and Co., **98,** 176; **02,** 240; Mansfield, **02,** 239; Montanye, **98,** 176; Ovens, **02,** 245; Powers, **02,** 238; Slade, **98,** 176; **02,** 240; Smith, **02,** 239; Sovereign, **98,** 176; **02,** 239; Stickney and Poor, **98,** 176; **02,** 240; **04,** 169; Sultana, **98,** 176; Swain, Earle and Co., **04,** 169; Thomas and Turner, **07,** 157; Trubee, **05,** 125; Union Pac. Tea Co., **02,** 238; **04,** 168; Union Spice Co., **98,** 176; Upson, **98,** 176; Wood, **02,** 245.
in allspice, **97,** 30.
methods, **97,** 25.
standards, **03,** 118; **04,** 114.
See also allspice, clove stems, cocoanut shells, nut shells, peas, sand and wheat biscuit.
Coal oil, in camphor liniment, **09,** 245.
in lard, **00,** 148.
in turpentine, **12,** 182; **13,** 302; **14,** 335.
See also mineral oil.
Coal-tar colors. See colors.
Cobalt, analysis, **11,** 217.
Coca Cola, analyses, **99,** 119, 134; **09,** 230. See also caffein.
Cocaine, in Bing, **09,** 251.
in catarrh medicines, **09,** 249.
in coca wine, **09,** 258.
preparations, **09,** 251; **13,** 305; **14,** 337.
Coca wine, analyses, **09,** 259. See also cocaine.
brands, Claflin, Maltine, Metcalf, Reed and Carnrick, Vin Mariani, **09,** 259.
standards, **09,** 258.
Cochineal, methods, **99,** 131; **01,** 134.
Cockle seed, in wheat screenings, **02,** 341.
Cocoa analyses, **02,** 258–263, 265, 282, 286; **03,** 133, 140; **06,** 159; **07,** 136; **11,** 115, 118, 120, 123; **12,** 202; **13,** 38, 70; **14,** 244.
brands, Adams, **11,** 116; Andresen, **07,** 136; Austin, Nichols and Co., **11,** 116; Walter Baker and Co., **02,** 254; **11,** 116; Wm. H. Baker, **11,** 116; Wm. P. Baker, **02,** 257; W. H. Baker, **02,** 254; **07,** 136; **11,** 116; Bartlett, **02,** 257; **11,** 122; **12,** 202; Beckmann, **07,** 136; **11,** 116; Bedford, **02,** 254; Bennett, Sloan and Co., **02,** 257; **07,** 136; Bensdorp, **02,** 354; **11,** 116; **12,** 202; Boardman, **07,** 136; **11,** 116; Boston T. and C. Co., **07,** 136; Brewster, **02,** 254, 257; **07,** 136; **11,** 116; Brownell and Field, **07,** 136; **11,** 116; Bushnell, **11,** 116; Buttel, **02,** 254; Cahill, **11,** 116; Charrasse, **13,** 39; Clark, Chapin and Bushnell, **11,** 116; Cloverdale, **07,** 136; Croft and Allen, **02,** 257; **07,** 136; **11,** 122; Crown, **02,** 254; Danbury Grocery Co., **07,** 136; **11,** 116; De Groff, **02,** 257; **07,** 136; Depew, **11,** 116; Dieto, **14,** 244; Dingwall, **02,** 257; **07,** 136; **11,** 116; East India Tea Co., **11,** 116; Epps, **02,** 257; Fry, **02,** 257; Grand Union Tea Co., **11,** 116; Grant, **11,** 116; Great Atl. and Pac. Tea Co., **07,** 136; **11,** 122; Hall, **11,** 116; Hawley and Hoops, **02,** 254; Hills, **02,** 254; Hooton, **02,** 255, 257; **07,** 136; **11,** 116; Howard, **02,** 254; Howland, **07,** 136; **11,** 116; Hub, **02,** 257; Huyler, **02,** 254; **11,** 116; Ideal, **11,** 116; Isenburg, **02,** 257; **07,** 136; **11,** 116; **12,** 202; Jireh, **13,** 39; Knickerbocker, **07,** 136; Leg-

Cocoa—continued.
gett, **07**, 136; **11**, 116; Lowney, **02**, 254; **11**, 116; Maillard, **11**, 116; Manhattan, **02**, 254; Markle, **02**, 254; Melbourne, **07**, 136; **11**, 116, 122; Middletown Cash Groc., **07**, 136; **11**, 116; Miller, **02**, 254; Mohican Co., **02**, 254; **11**, 116; Mullan, **11**, 122; Nelson, **07**, 136; N. J. Chocolate Works, **07**, 136; **11**, 122; Ovens, **02**, 257; Palmer, **11**, 116; Phillips, **02**, 257; **11**, 122; Plasmon, **03**, 133; **13**, 38; Platschek, **13**, 70; Powell, **07**, 136; **11**, 116; Powers, **02**, 257; **07**, 136; Pulver, **11**, 116; Puritan, **02**, 254; **07**, 136; Rademann, **13**, 38; Rallion, **02**, 254; **11**, 116; Rockwood, **02**, 255, 257; **07**, 136; **11**, 116; Runkel, **02**, 254; **11**, 118; Sadd, **07**, 136; **11**, 118; Seeman, **02**, 254; **11**, 118; Shartenberg and Robinson, **11**, 118; Smith, **11**, 118; Sparrow, **02**, 254, 257; Standard, **11**, 118; Sterry, **02**, 257; Stollwerck, **07**, 136; **11**, 118, 122; Suchard, **11**, 118; Union Pac. Tea Co., **07**, 136; Up to Date, **07**, 136; Van Dyk, 11, 118; Van Houten, **02**, 254; 11, 118; Walker, **02**, 254; Wallace, **02**, 257; Webb, **02**, 254; **11**, 116; Wilbur, **02**, 254; Welcome, **07**, 136; Williams, **07**, 136.
methods, **02**, 273–278; **11**, 109.
net weight, **11**, 117, 119.
standards, **03**, 122; **04**, 116; **11**, 114.
See also arrowroot starch, cocoa shells, corn starch, sugar and wheat starch.
Cocoa beans, analyses, **02**, 282–284.
effect of roasting on composition, **02**, 265.
butter. See cacao butter.
diabetic, analyses, **06**, 159; 13, 39; **14**, 244.
Cocoa—continued.
milk, analyses, **02**, 263; **03**, 140; **11**, 123.
nibs, analyses, **02**, 268, 282; **11**, 115.
shells, analyses, **98**, 210; **02**, 268, 284.
in cocoa, **02**, 252.
sweet, analyses, **02**, 263; **11**, 123.
Cocoanut, anatomy, **01**, 208.
biscuits, analyses, **13**, 28; **14**, 244.
Cream Pudding, analysis, **13**, 201.
oil, in chocolate, **03**, 129.
shells, analyses, **98**, 210.
in allspice, **97**, 30; **98**, 177, 179; **01**, 193; **02**, 245; **04**, 163; **06**, 139; **07**, 154.
in black pepper, **96**, 39, 40; **97**, 20; **01**, 191, 204; **02**, 244; **04**, 163; **05**, 123; **07**, 155.
in cinnamon, **02**, 245; **04**, 163; **05**, 123.
in cloves, **97**, 29; **98**, 177; **01**, 193; **02**, 245; **04**, 163.
in ginger, **07**, 156.
shred, net weight, **12**, 145
Cod fish, analyses, **97**, 40; **06**, 128; **09**, 277.
brands, Beardsley, Dewell, Gloucester Mackerel Co., Little Pearl Brand, Shute and Merchant, Slade, Gorton and Co., Taylor, **97**, 40.
See also boric acid.
Cod liver oil, analyses, **09**, 251.
methods, **09**, 258.
standards, **09**, 251.
Cod liver oil emulsions, analyses, **11**, 166, 167, 205.
brands, A. D. S., Carleton and Hovey, Cosmopolitan, Dike, Gillespie, Graeber, Halloran, Hull, Ideal, Kibbe, King, Lathrop, Lee and Osgood, Leverty, Magee, Nichols, Nyal, Ozomul-

Cod liver oil emulsions—continued.
sion, Phillips, Rexall, Scott and Bowne, Sharpe and Dohme, Spalding, Stoughton, Thayer, Wadewitz, Whitman, Wilson, **11,** 166.
methods, **11,** 170.
standards, **11,** 166.
Cod liver oil wines, analyses, **11,** 174, 175; **14,** 319.
brands, Cartier, **11,** 174; Goodwin, **11,** 174; Hagee, **11,** 174; Heckler, **11,** 174; Narco, **11,** 174; Sullivan, **11,** 174; Vinol, **14,** 319; Wampole, **11,** 174; Waterbury, **14,** 319.
Coffee, analyses, **96,** 55; **97,** 17; **98,** 138; **99,** 111; **00,** 122; **01,** 119; **02,** 246; **03,** 148; **04,** 156; **05,** 121; **06,** 136; **07,** 137, 141; **09,** 175; **10,** 578; **11,** 160, 211.
brands, Ackley, **01,** 121; Adams, **01,** 121; Allen, **09,** 175; Amer. Java Coffee Co., **96,** 56; **04,** 162; Amer. Mills, **98,** 139; Arabian Ground, **06,** 60; Arbuckle, **98,** 143; Arrawanna, **01,** 121; Augur **96,** 56; **99,** 109; **00,** 120; **02,** 247; **09,** 175; Avery, **03,** 147; Bacon, Stickney and Co., **03,** 146; Baker and Young, **01,** 120; Benedict and Thomas, **96,** 56; Bennett, Sloan and Co., **99,** 108; **00,** 121; **04,** 161; Berry-Hall Co., **03,** 146; Berry, Lohman and Rasch, **00,** 121; Bill, **09,** 175; Blanchard, **98,** 141; Boardman, **96,** 57; **98,** 141; **99,** 108; **00,** 120, 121; **01,** 121; **03,** 147; Bower and Bartlett, **07,** 137; **09,** 175; Brayton, **03,** 146; Brown, Thomson and Co., **04,** 161; **09,** 176; Brownell, **96,** 57; Brownell and Field, **99,** 109, 110; **00,** 120, 121; **01,** 121; **03,** 147; **09,** 176; Browning and Baines, **03,** 147; Bryan, Miner and Read, **96,** 56; **98,** 141; **00,** 122; **01,** 120; Bushnell, **03,** 147; **09,** 176; Capitol Mills, **98,** 141; **00,** 120; Caracausa, **04,** 162; Castle, **04,** 161; Champlin, **99,** 110; Chapman, **01,** 121; Chase and Sanborn, **96,** 56; **00,** 121; **09,** 176; Chris. Columbus Coffee Co., **96,** 57; Clark, Coggin and Johnson, **07,** 141; Clogston, **03,** 146; Cobb, Bates and Yerxa, **02,** 248; Coe and White, **01,** 120; **04,** 161; Connor, **01,** 120; Cowles and Howard, **02,** 247; Crescent, **01,** 120; Cross, **01,** 120; Danbury Groc. Co., **04,** 162; Daniels, Cornell and Co., **00,** 120; Daylight, **06,** 137; De Groff, **09,** 176; Deland, Potter and Co., **01,** 121; Digesto, **06,** 137; **07,** 141; Dwinell, Wright and Co., **96,** 60; **99,** 107, 109; **00,** 120, 121; **02,** 247; **07,** 137; Eclipse, **96,** 60; Edmunds, **99,** 109; Empire State Tea Co., **07,** 137; Empress, **02,** 247; Ericsson, **01,** 120; Ferris, **01,** 121; Fischer, **09,** 176; Fleming and Cowan, **09,** 176; Fraser, **03,** 147; Frey, **09,** 176; Gallup, **01,** 121; **02,** 246; **03,** 147; Gates, **01,** 120; German-Amer. Coffee Co., **07,** 137; **09,** 175; Gerry, **03,** 146; Gilbert, **00,** 121; Gillies, **02,** 247; **09,** 175; Gerry, **03,** 146; Gilbert, **00,** 121; Goffee, **02,** 247; Grand Central Tea Imp. Co., **98,** 142; **00,** 121; Great Atl. and Pac. Tea Co., **98,** 142; **06,** 137; **07,** 137; **09,** 175; Heater Curtiss Co., **00,** 121; Heine, **01,** 121; Hibberd, **02,** 248; Holcombe and Frick, **02,** 247; Holmes, Keeler

Coffee—continued.
and Selleck, **03,** 146; International, **99,** 109; **00,** 121; **01,** 120; Jente, **00,** 120; Kibbe, **99,** 110; **03,** 147; **07,** 137; Lehnemann, **00,** 121; Lincoln, **03,** 147; **09,** 176; Lincoln, Seyms and Co., **96,** 53, 56, 60; **98,** 139; **00,** 121; **01,** 120, 121; **02,** 247; Lipton, **07,** 137; Loudon and Johnson, **01,** 121; **02,** 247; Madigan, **09,** 176; Mammoth Market Co., **01,** 119; Mrs. Mary McGuire, **09,** 175; Miller, **09,** 176; Miner, Read and Garrette, **03,** 146; **04,** 161; **09,** 176; Montanye, **02,** 247; Mullen and St. Onge, **04,** 161; Murphy, **07,** 137; National, **01,** 121; **07,** 141; Neale and Guernsey, **04,** 161; New Haven Public Market, **01,** 121; Newton, **98,** 139; N. Y. Tea Store, **02,** 247; Nickerson, **02,** 247; **03,** 146; Nutmeg, **98,** 142; **01,** 119; O'Donohue, **98,** 139; **99,** 110; **00,** 120, 121; **01,** 120; Old Reliable, **96,** 60; **00,** 120; Palmer, **96,** 57; Parrott, **09,** 175; Patterson, **02,** 247; **07,** 137; Phillips, **01,** 120; Pierce, **03,** 146; Pilgard, **09,** 176; Potter and Payne, **00,** 121; Potter and Wrightington, **96,** 60; **01,** 121; Princeton, **00,** 121; Public Market (Meriden), **00,** 120; **01,** 120; Purinton and Read, **00,** 121; Quniby, **00,** 120; **01,** 119; Rattlesdorfer, **01,** 121; Raymond, **98,** 139; Red Star, **96,** 57; Reliance, **04,** 161; **07,** 137; Rose and Wills, **03,** 146; Rosedale, **00,** 120; Rosette, **01,** 120; Royal, **98,** 141; Russell, **99,** 107, 110, 111; **00,** 120; **01,** 120, 121; Scheuer, **05,** 122; Seyms and Co., **03,** 146, 147; **06,** 137; Sheffield, **07,** 137; Shopleigh, **99,** 109; **01,** 121; **03,** 146; Smith, **07,** 137; Sovereign, **00,** 120;

Coffee—continued.
Spurr, **99,** 110; **00,** 121; **01,** 121; Stanton and Tyler, **98,** 142; Stoddard, Gilbert and Co., **99,** 109; **00,** 120; **01,** 121; **02,** 247; **03,** 147; **07,** 137; Sullivan, **02,** 247; Swain, Earle and Co., **99,** 110; **00,** 121; **01,** 120; **02,** 248; Tower, **99,** 109; **02,** 247; Tripp, **02,** 248; Trubee, **03,** 146; Tucker and Goodwin, **02,** 248; Turnbull, **98,** 142; **00,** 120, 122; **01,** 121; **02,** 247; Union Groc. Co., **02,** 247; Union Pacific Tea Co., **00,** 119; Union Supply Co., **04,** 161; United Drug Co., **09,** 176; Upham, **00,** 121; Vantine, **02,** 248; Vincent, **02,** 247; Walker and Boell, **02,** 246; **03,** 148; G. Washington, **11,** 160; Weir, **99,** 109; **00,** 121; **01,** 121; West, Stone and Co., **01,** 119; Whitford, **98,** 139; Williams and Carleton Co., **01,** 120; **02,** 247; Wilson, **07,** 137; Winslow, Rand and Watson, **96,** 53, 56; **98,** 139; **01,** 120; Wood, **99,** 108; **09,** 176; Woolson, **98,** 143; **99,** 109; Yacht Club, **00,** 120; Yauch, **04,** 161.
methods, **96,** 53.
net weight, **09,** 175.
See also chicory, imitation coffee, peas and wheat.
Coffee, caffein-free, analyses, **07,** 142.
cereal, analyses, **11,** 160; **14,** 244.
compounds, analyses, **98,** 141; **99,** 107; **00,** 119; **05,** 121.
dandelion, analysis, **96,** 57.
date stone, analyses, **97,** 16.
detannated, analyses, **06,** 137; **07,** 142.
hulls, in black pepper, **06,** 139; **07,** 155.
in ginger, **07,** 156; **08,** 581.
imitation, in coffee, **96,** 55–58; **97,** 15, 17; **98,** 140; **99,** 111; **00,** 122; **01,** 119; **02,** 246; **03,** 145; **04,** 162; **05,** 122; **06,** 136; **07,** 137.

Coffee—continued.
malt, analyses, **98,** 144; **05,** 121; **14,** 244.
brands, Fischer, **98,** 143; Hoff, **05,** 121; Kneipp, **98,** 144.
prepared, analysis, **11,** 160.
substitutes, analyses, **96,** 61; **98,** 143, 144; **05,** 121; **06,** 136; **11,** 160; **13,** 292; **14,** 244.
See also barley coffee, coffee substitutes, date stone coffee, Educator coffee, Grain-O, Instant Postum, malt coffee, Postum Cereal and wheat coffee.
wheat, analyses, **96,** 60; **98,** 144.
Coke Dandruff Cure, analysis, **14,** 283.
Colax, analysis, **14,** 236.
Colden's Liquid Beef. See meat preparations.
Cole's Catarrh Cure. See catarrh powders.
Color, artificial, in carbonated drinks, **99,** 117; **02,** 213; **11,** 197; **12,** 206; **13,** 299; **14,** 334.
in cayenne, **97,** 23; **02,** 244; **06,** 139.
in chili sauce, **98,** 164; **04,** 187; **07,** 133.
in chopped meat, **04, 188.**
in confectionery, **06,** 136; **12,** 202; **13,** 273, 275, 276, 279.
in cordials, **01,** 147.
in diabetic foods, **13,** 68, 285.
in fruit extracts, **01,** 178.
in fruit syrups, **99,** 117; **02,** 203, 209; **11,** 131–133; 197–199; **12,** 206.
in ice cream, **13,** 303.
in ice cream cones, **10,** 517; **14,** 336.
in jams, **98,** 123, 125; **00,** 156; **05,** 142; **08,** 587; **13,** 68.
in jellies, **98,** 115, 117; **01,** 127; **08,** 587; **13,** 69.
Color, artificial—continued.
in jelly powders, **09,** 201; **13,** 288.
in ketchup, **01,** 139; **04,** 183; **07,** 130, 162; **10,** 547.
in lemon extract, **01,** 172, 204; **05,** 137; **06,** 148; **07,** 146; **09,** 207; **12,** 203.
in maraschino cherries, **02,** 229.
in milk, **02,** 186; **04,** 124.
in mustard, **96,** 47; **04,** 179; **05,** 126.
in noodles, **01,** 197; **04,** 138.
in orange extract, **01,** 176; **10,** 506.
in peppermint extract, **10,** 508.
in pineapple extract, **10,** 512.
in raspberries, **08,** 587.
in raspberry extract, **10,** 512.
in salad dressing, **11,** 154.
in sausage, **12,** 204.
in spaghetti, **01,** 197.
in strawberry extract, **10,** 512.
in vanilla extract, **01,** 153, 204; **05,** 134; **06,** 143; **07,** 161; **09,** 234.
in wheat flour, **13,** 304.
in white pepper, **01,** 192.
in wintergreen extract, **10,** 512.
in Zanzibar Carbon, **00,** 201.
coal-tar, methods, **98,** 110; **99,** 130; **01,** 129–134, 174, 197; **04,** 139, 140.
use in foods, **01,** 179.
soda water, analyses, **11,** 202.
vegetable, methods, **99,** 132; **01,** 134.
See also artificial color, caramel, table waters and turmeric.
Colostrum, analysis, **09,** 190.

Complexion remedies. See skin.
Conalbin meal, analysis, **13,** 18.
Condensed milk. See milk.
Condiments, carbohydrates, **13,** 91.
Confectionery, analyses, **97,** 34; **06,** 136; **09,** 274; **12,** 202; **13,** 268–281, 303.
See also charcoal, color, gelatin and starch.
Conglutin preparations, analyses, **13,** 24, 38, 70, 285; **14,** 244.
Copper, in canned peas, **10,** 487.
in celery, **12,** 206.
methods, **10,** 492.
reducing matters, methods, **98,** 187.
Cordials, analyses, **01,** 147; **14,** 250.
methods, **01,** 148.
net volume, **01,** 146.
See also absinthe, blackberry, cherry, color, creme de cacao, creme de café, creme de celery, creme de menthe, creme de rose, creme de violet, curacao, glucose, mulberry, ratafia de cérises, ratafia de mures and rose.
Corn, canned, analyses, **12,** 96–99.
brands, Austin, Nichols and Co., Baxter, Beckman, Burt Olney, Bushnell, De Groff, Fame, Fitz Gerald, Forhan, Fort Stanwix, Geer, Great Atl. and Pac. Tea Co., Leggett, Miner Read and Tullock, Nesbit, Oswego, Portland, Preston, Roberts, Saco Valley, Seeman, Smith, Sprague Warner and Co., Webb, Williams, Wilson, Winters and Prophet, York, **12,** 98.
net weight, **12,** 99, 139.
flakes. See breakfast foods.
meal, standards, **04,** 110; **09,** 169.
oil. See oil.
starch, analyses, **06,** 165; **08,** 574.
brands, Barker and Perkins, Brighton, Bushnell, Corn Products Co., Great Atl. and Pac. Tea Co., Grand Union Tea Co., Markle, Miner Read and Garrette, National, Oswego, Pilgard, Premium, Public Market (New Britain), Retail Grocers Assc., Staley, Stoddard Gilbert & Co., Tucker & Goodwin, Union Pacific Tea Co., Union Supply Co., Warner, Wellington, Welch, White-Simmons, **08,** 574.
in black pepper, **98,** 173; **01,** 191, 204; **02,** 243; **04,** 163; **05,** 123; **07,** 154, 155.
in buckwheat flour, **00,** 117; **04,** 146; **07,** 128.
in cayenne, **97,** 23; **02,** 244; **04** 163; **05,** 123; **06,** 139.
in chocolate, **03,** 127; **05,** 143; **07,** 135.
in cinnamon, **02,** 245.
in cocoa, **02,** 252; **07,** 135.
in cream of tartar, **04,** 156; **06,** 151; **07,** 138.
in ginger, **98,** 149; **07,** 156.
in horse radish, **05,** 131.
in mustard, **01,** 192; **04,** 179; **05,** 123; **06,** 139; **07,** 156.
in sausage, **98,** 157; **09,** 226, 227; **12,** 204.
in white pepper, **01,** 191; **02,** 244; **04,** 163; **05,** 123; **06,** 139; **07,** 156.
Cotosuet, analysis, **96,** 29.
Cottolene, analysis, **96,** 29; **00,** 148.
Cotton seed, anatomy, **03,** 180.
Cotton seed flour, analysis, **13,** 20.
meal, in cinnamon, **01,** 193.
oil. See oil.
Cough medicines, analyses, **10,** 580; **12,** 190, 199; **14,** 275.
brands, Bull's Cough Syrup, **14,** 277; Eckman's Alterative, **14,** 275; Hale's Honey of Horehound and Tar, **14;** 278; Pinex, **12,** 199, Schenck's Pulmonic Syrup, **12,** 190.

Coumarin, in vanilla crystals, **01,** 165.
in vanilla extract, **01,** 153, 204; **05,** 131; **06,** 143; **07,** 161; **09,** 234; **13,** 304.
methods, **01,** 155.
Crab apple jelly, analyses, **98,** 115, 118; **08,** 584, 593.
brands, Adams, **98,** 112; Amer. Pres. Co., **98,** 114; Clark, Chapin and Bushnell, **08,** 593; McMechen, **08,** 593; Stone, **98,** 112; Williams, **08,** 584.
tonic, analyses, **99,** 126, 137.
Crab meat, canned, net weight, **12,** 141.
Cracker meal, analysis, **13,** 20.
Crackers, analyses, **13,** 28, 32; **14,** 228–237. See also biscuits.
carbohydrates, **13,** 88.
net weight, **12,** 144; **13,** 28, 32; **14,** 228–237.
Cranberry, anatomy, **02,** 317.
Crandallo. See ice cream powders.
Cream, analyses, **97,** 63; **98,** 162, 222; **99,** 157; **00,** 135; **01,** 118; **03,** 155; **04,** 133; **05,** 116; **06,** 112; **07,** 162; **08,** 712; **09,** 272, 274, 277; **10,** 578; **11,** 127, 128, 195, 210; **12,** 203, 205; **13,** 299, 302; **14,** 335.
standards, **03,** 113; **04,** 109.
See also borax, formaldehyde and sucrate of lime.
Cream, albuminoid, analysis, **99,** 145.
evaporated. See condensed milk.
Cream of tartar, analyses, **96,** 67; **00,** 182–185; **01,** 194, 195; **04,** 160; **05,** 131; **06,** 151; **07,** 138; **11,** 160, 196.
brands, Augur, **00,** 185; **04,** 159; Austin, Nichols and Co., **96,** 66; **04,** 157; Bennett, Simpson and Co., **00,** 182, 184; Bennett, Sloan and Co., **96,** 67; **00,** 184, 185; Berry, Wisner and Lohman, **96,** 66; Boardman, **00,** 182; **04,** 158; Brockway, **04,** 159; **05,** 126; Bugbee and Brownell, **96,** 66; **00,** 182, 184; **04,** 158; Challenge, **96,** 67; **00,** 185; Clark, Chapin and Bushnell, **96,** 66; **00,** 184; **04,** 157; Coburn, **96,** 67; **00,** 185; Crescent, **06,** 67; **00,** 185; Depew, **97,** 138; Durkee, **00,** 184; **04,** 157; Dwinell, Wright and Co., **04,** 158; **07,** 138; Farrington, **04,** 158; Gauntlet, **00,** 184; Haskell, Adams and Co., **04,** 158; Leggett, **96,** 66; **04,** 157; Lincoln, Seyms and Co., **96,** 66; **00,** 182; **04,** 157; Miner, Read and Garrette, **04,** 158; Powers, **96,** 66; Pyle, **96,** 66; Seyms, **04,** 157; **07,** 138; Slade, **96,** 66; **00,** 182, 184; **04,** 158; **07,** 138; Smith, **11,** 160; Stickney and Poor, **96,** 66; **00,** 182, 184; **04,** 158; Thurber, **96,** 66; Tiger Mills, **00,** 182; Trubee, **04,** 157; Williams and Carleton, **04,** 157.
See also alum, corn starch, gypsum, lime, phosphate of lime, soda alum, starch and tartaric acid.
Creamthick. See ice cream powders.
Cream-X-Celo. See ice cream powders.

Creatin, methods, **08,** 612.
See also meat extracts and meat preparations.
Creatinin, methods, **08,** 612.
See also meat extracts and meat preparations.
Creme de Cacao, analysis, **01,** 147.
Café analysis, **01,** 147.
Celery, analysis, **01,** 147.
Menthe, analysis, **01,** 147.
Rose, analysis, **01,** 147.
Violet, analysis, **01,** 147.
Cresco foods. See diabetic foods (Farwell and Rhines).
Crisco, net weight, **12,** 145.
Crystallose, analysis, **12,** 80.
Crystal spring (Meriden) water, analysis, **00,** 213.
(Westville) water, analysis, **00,** 211.
Crystal Wheat, analysis, **14,** 232.
Crystos, analysis, **14,** 328.
Cubanos, analysis, **12,** 193.
Cubebs. See Peruna.
exhausted, analyses, **99,** 103.
Curacao, analyses, **01,** 147.
Curd, analysis, **02,** 255.
Currant jam, analyses, **98,** 123, 127, 128.
brands, Southwell, **98,** 121; Williams, **98,** 121.
jelly analyses, **98,** 115, 117, 118; **01,** 125, 126, 130, 133, 134; **08,** 584, 593.
brands, Adams, **98,** 112; Alvin Hill, **01,** 125; Amer. Pres. Co., **98,** 116; Austin, Nichols and Co., **98,** 112; **01,** 126; **08,** 593; Beckman, **08,** 593; Beech-Nut, **08,** 584; Clark, Chapin and Bushnell, **08,** 584; Clifford, **98,** 116; **01,** 130; Columbia, **98,** 112; **01,** 126; Cowdrey, **01,** 125; **08,** 584; Cruikshank, **01,** 126; Crystal, **98,** 116; Curtice, **98,** 112; Excelsior, **98,** 112; Gordon and Dilworth, **98,** 112; Hudson, **01,** 130;
Currant jelly—continued.
Kibbe, **01,** 130; Leggett, **98,** 112; **01,** 126; **08,** 593; Libby, **08,** 584; Marlier-Job, **01,** 126; Middle B, **01,** 130; Oliver, Day and Co., **98,** 112; Orange Pres. Co., **98,** 112; Palmer, **01,** 125; Pomona, **98,** 116; Pritchard, **08,** 584; Renwick, **08,** 593; Riverside, **08,** 593; Stone, **98,** 112; West Virginia, **98,** 112; Whitcher, Pillmann and Co., **98,** 114; Williams Bros., **08,** 593; Williams Bros. and Charbonneau, **98,** 116.
juice, analyses, **99,** 136; **13,** 68.
Currants, anatomy, black, **02,** 312.
red, **02,** 307.
dried, analyses, **12,** 102.
brands, Austin Nichols and Co., Bushnell, Excelsior, Gold Medal, Great Atl. and Pac. Tea Co., Herald, Higgins, Hills, Hoover, Kibbe, Kruger, Leggett, Little Jack Horner, **12,** 102; Serv-us, **12,** 145; Sunflower, **12,** 102.
net weight, **12,** 102, 145.
Custard powders, carbohydrates, **13,** 93.
Cut worm food, analysis, **11,** 217.
Cyc-Kola, analysis, **02,** 212.
Cycler's Aid, analyses, **99,** 119, 134.

Dainty Fluffs. See diabetic foods (Pure Gluten Food Co.).
Damson jam, analyses, **98,** 123, 127; **01,** 126; **08,** 588.
brands, Adams, **98,** 123; Ayer, **01,** 126; Cairns, **98,** 123; Crescent, **98,** 123; Mansfield, Witham and Co., **08,** 588.
Dandelion coffee, analyses, **96,** 57.
Danderine, analysis, **14,** 284.
Darnel, anatomy, **03,** 165.
Dates, analyses, **12,** 103.
brands, Austin, Nichols and Co., **12,** 103; Hills, **12,** 103, 145;

Dates—continued.
Kruger, **12,** 103; O'Kelly, **12,** 103; Palmer and Pierce, **12,** 103; Williams, **12,** 103.
net weight, **12,** 103, 145.
Date stones, analysis, **98,** 210.
D. D. D. prescription, analysis, **14,** 296.
Dehydro foods, analyses, **13,** 282.
Del-A-Tone, analysis, **14,** 279.
Deodorants, analyses, **14,** 278.
brands, Amolin Deodorant Powder, **14,** 278; Mum, **14,** 279; Spiro Powder, **12,** 185.
Depilatories, analyses, **14,** 279.
brands, Del-A-Tone, **14,** 279; Fluvol Powder, **14,** 280.
Derma-Royale, analysis, **14,** 297.
Dextrin. See beer, malt extracts and Meltose.
Dextrose. See beer, malt extracts and reducing sugars.
Dextrosed Wheat, analysis, **03,** 155.
Diabetic diet, **13,** 9.
Diabetic foods, analyses, **04,** 182, 188; **06,** 157–165; **07,** 139; **08,** 711, 712; **10,** 550; **11,** 135, 161, 196; **12,** 108–112; **13,** 18-39, 70-73, 285; **14,** 239-247.
brands, Acme Diabetic Flour, **13,** 18; Acme Special Flour, **13,** 18; Avedyk's Vollbrot, **13,** 70; Barker's Gluten Food A, **06,** 156; **12,** 108, 111; **13,** 18; Barker's Gluten Food B, **06,** 156; **13,** 18; Barker's Gluten Food C, **06,** 156; **13,** 18; Battle Creek Foods. See Kellogg; Bauer's Sanatogen, **12,** 197; **13,** 22; **14,** 336; Bischof's Diabetic Gluten Bread, **07,** 139; **12,** 111; **13,** 26; Bischof's Essential Bread, **07,** 139; **12,** 111; **13,** 26; Bischof's Gluten Flour, **07,** 139; **12,** 111; **13,** 18; Blanc's Bread, **13,** 70; Bond's Diabetic Flour, **13,** 22; Bouma Sugar-free Fat Milk, **13,** 38; Brah-Ma, **13,** 285; Brusson Chocolate with added Gluten, **13,** 38; Brusson Farine au Gluten, **13,** 34; Brusson Gluten Bread, **10,** 550; **12,** 108, 111, 112; **13,** 26; Brusson Gluten Semolina, **10,** 550; **12,** 112; **13,** 34; Brusson Macaroni, **10,** 550; **12,** 112; **13,** 36; Brusson Nouillettes, **10,** 550; **12,** 112; **13,** 36; Brusson Petites Pates au Gluten, **13,** 36; Brusson Vermicelli, **10,** 550; **12,** 112; **13,** 36; Callard, Stewart and Watt Almond Biscuit, **13,** 26; Callard, Stewart and Watt Almond Shortbreads, **13,** 26; Callard, Stewart and Watt Casoid Baking Powder, **13,** 67; Callard, Stewart and Watt Casoid Biscuits No. 1, **06,** 158; **13,** 26; Callard, Stewart and Watt Casoid Biscuits No. 2, **08,** 711; **12,** 112; **13,** 26; Callard, Stewart and Watt Casoid Biscuits No. 3, **08,** 711; **12,** 112; **13,** 26; Callard, Stewart and Watt Casoid Chocolate Almonds, **13,** 38; Callard, Stewart and Watt Casoid Dinner Rolls, **08,** 711; **12,** 112; **13,** 26; Callard, Stewart and

Diabetic foods—continued.
Watt Casoid Flour, **06,** 156; **13,** 18; Callard, Stewart and Watt Casoid Lunch Biscuit, **13,** 26; Callard, Stewart and Watt Casoid Rusks, **13,** 28; Callard, Stewart and Watt Casoid Sugarless Jam, **13,** 68; Callard, Stewart and Watt Casoid Sugarless Marmalade, **13,** 68; Callard, Stewart and Watt Cocoanut Biscuit, **13,** 28; Callard, Stewart and Watt Ginger Biscuit, **13,** 28; Callard, Stewart and Watt Kalari Batons, **13,** 28; Callard, Stewart and Watt Kalari Biscuit, **13,** 28; Callard, Stewart and Watt Prolactic Biscuit, **13,** 28; Casoid preparations. See Callard, Stewart and Watt; Cereo Soy Bean Gruel Flour, **12,** 108, 111; **13,** 18; Charrasse Biscuits Croquettes au Gluten, **13,** 28; Charrasse Biscottes Lucullus, **13,** 28; Charrasse Gluten Exquis Biscuits, **13,** 28; Charrasse Gluten Fleur de Neige Pain, **13,** 28; Charrasse Gluto-Cacao, **13,** 38; Charrasse Mignonettes au Gluten, **13,** 28; Charrasse Pain de Gluten, **13,** 28; Charrasse Tranches Grillées, 13, 28; Dieto Baking Powder, **14,** 244; Dieto Barley Coffee, **14,** 244; Dieto Bread, **14,** 244; Dieto Cocoa, **14,** 244; Dieto Crackers, **14,** 244; Dieto Flour, **14,** 244; Dieto Nut Cereal, **14,** 244; Dieto Pine Nuts, **14,** 244; Dieto Rusks, **14,** 244; Dieto Wheat and Barley Cereal, **14,** 244; Dieto Whole Wheat Macaroni, **14,** 244; Ebstein's Aleuronat-Brot, **13,** 70; Educator preparations. See Johnson; Eiweiss-Extrakt Co.'s Soson, **13,** 22; Energin. See Krecke; Farwell and Rhines Barley Crystals, **13,** 34; Farwell and Rhines Cresco Flour, **06,** 156; **13,** 18; Farwell and Rhines Cresco Grits, **13,** 34; Farwell and Rhines Gluten Flour, **04,** 188; **06,** 156; **13,** 18; Farwell and Rhines Special Diabetic Food, **05,** 182; **06,** 156; **13,** 18; Farwell and Rhines Special Diatetic Food, **13,** 18; Ferguson's Gluten Bread, **13,** 24; Frank's Erdnuss Kakes, **13,** 28; Frank's Protein-Roggenbrot, **13,** 24; Frank's Protein-Weizenbrot, **13,** 24; Fritz's Aleuronatbrot, **13,** 24; Fritz's Braunes Luftbrot B, **13,** 28, 70; Fritz's Kleberbrot, **13,** 24, 70; Fritz's Litonbrot, **13,** 24, 70; Fritz's Mandelbrot, **13,** 28, 70; Fromm's Almond-form

Diabetic foods—continued.
Wafers, **13,** 28; Fromm's Butterbrezeln, **13,** 28; Fromm's Conglutinbrot, **13,** 24, 70; Fromm's Conglutin Drops, **14,** 244; Fromm's Conglutin Schokolade, **13,** 38; Fromm's Conglutin Zwieback, **14,** 244; Fromm's Crackers, **13,** 28; Fromm's Eierbiscuit, **13,** 28; Fromm's Eiweissbiscuit, **13,** 28; Fromm's Eiweissbrot, **13,** 28, 70; Fromm's Hazelnüss Stangen, **13,** 28; Fromm's Litonbrot, **13,** 24, 70; Fromm' Luftbrot, **13,** 28; Fromm's Makronen, **13,** 28; Fromm's Salz-Stangen, **13,** 28; Fromm's Stangenin, **13,** 28; Fromm's Uni Bread, **13,** 28, 70; Gericke's Aleuronat, **13,** 18; Gericke's Diabetiker-Brot, **13,** 70; Gericke's Doppel-Porterbrot, **13,** 24, 70; Gericke's Doppel-Porterzwieback, **13,** 28, 70; Gericke's Dreifach-Porterbrot, **13,** 24; Gericke's Einfach-Porterbrot, **13,** 24; Gericke's Mandelbrot, **13,** 28, 70; Gericke's Porterbiskuits, **13,** 28, 70; Gericke's Porterzweiback, **13,** 28, 70; Gericke's Sifarbiskuits, **13,** 28, 70; Gericke's Sifarbrot, **13,** 24, 70; Gericke's Ultramehl, **13,** 70; Gilman's Gluten Flour, **13,** 18; Glidine. See Klopfer; Goldscheider's Aleuronat-Conglutin Cakes, **14,** 244; Goldscheider's Butter-Brezeln, **14,** 244; Goldscheider's Cocosnuss-Biskuits, **14,** 244; Goldscheider's Conalbin Mehl, **13,** 18; Goldscheider's Dessert-Schokolade, **14,** 244; Goldscheider's Hönigkuchen, **14,** 244; Goldscheider's Mocca-Schokolade, **14,** 244; Goldscheider's Nüss-Schokolade, **14,** 244; Goldscheider's Orange-Schokolade, **14,** 244; Goldscheider's Saccharin Oblaten, **14,** 244; Goldscheider's Sinamylbrot, **13,** 24; Goldscheider's Tee-Gebäck, **14,** 244; Goldscheider's Vanille-Biskuits, **14,** 244; Goldscheider's Zwieback, **14,** 244; Görtner's Diabetesmilch, **13,** 70; Groetzsch's Diabetiker-Salzbrezeln, **13,** 28, 30; Groetzsch's Ess-schokolade, **13,** 38; Groetzsch's Koch-schokolade. **13,** 38; Goetzsch's Pfeffernüsse, **13,** 30; Gum Gluten. See Pure Gluten Food Co.; Gumpert's Diabetiker-Doppel-Schwarzbrot, **13,** 24; Gumpert's Diabetiker-Doppel-Weissbrot, **13,** 24; Gumpert's Diabetiker-Doppel-Zwieback, **13,**

Diabetic foods—continued.
30; Gumpert's Diabetiker-Einfach-Schwarzbrot, **13,** 24; Gumpert's Diabetiker-Einfach Weissbrot, **13,** 24; Gumpert's Diabetiker-Stangen, **13,** 30; Gumpert's Ultrabrot, **13,** 24; Gumpert's Ultramehl, **13,** 18; Günther's Aleuronatbrot, **13,** 70; Günther's Aleuronat-Kakes, **13,** 30, 70; Günther's Aleuronat-Zwieback, **13,** 70; Günther's Kleberbrot, **13,** 24; Hazard's Wheat Protein, **13,** 18; Hazard's Wheat Protein Breakfast Food, **13,** 34; Health Food Almond Meal, **06,** 156; **13,** 18; **14,** 244; Health Food Alpha Diabetic Wafers, **13,** 30; **14,** 244; Health Food CBX Cold Blast Flour, **11,** 135; **12,** 111; **13,** 18; Health Food Diabetic Biscuit, **06,** 156; **13,** 30; **14,** 244; Health Food Gluten Nuggets, **13,** 30; **14,** 244; Health Food Glutona, **06,** 156; **13,** 30; Health Food Glutosac Bread, **06,** 156; **13,** 24; **14,** 244; Health Food Glutosac Butter Wafers, **06,** 156; **13,** 30; **14,** 244; Health Food Glutosac Gluten Flour, **06,** 156; **13,** 18, 20; **14,** 244; Health Food Glutosac Rusks, **06,** 156; **13,** 30; **14,** 244; Health Food Glutosac Wafers, **06,**

Diabetic foods—continued.
156; **13,** 30; **14,** 244; Health Food Glutosac Zwieback, **06,** 156; **13,** 30; **14,** 244; Health Food Kaffeebrod, **13,** 38; Health Food Manana, **13,** 34; **14,** 244; Health Food, Proto Puffs No. 1, **06,** 156; **13,** 30; **14,** 244; Health Food Proto Puffs No. 2, **11,** 135; **12,** 112; **13,** 30; **14,** 244; Health Food Pomarius, **13,** 68; Health Food Pronireu, **13,** 20; Health Food Protosac Bread, **06,** 156; **13,** 26; **14,** 244; Health Food Protosac Gluten Flour, **06,** 156; **13,** 20; **14,** 224; Health Food Protosac Rusks, **06,** 156; **13,** 30; **14,** 246; Health Food Protosoy Diabetic Wafers, **13,** 30; **14,** 246; Health Food Protosoy Soy Flour, **13,** 20; **14,** 246; Health Food Pure Washed Gluten Flour, **06,** 156; **13,** 20; **14,** 246; Health Food Salvia Sticks, **06,** 156; **13,** 30; **14,** 246; Heinbockel's Diabeto Bread, **14,** 246; Heintz's Gluten Biscuits, **13,** 30; Heintz Glutin Biscuits, **13,** 30; Heudebert's Pain d'Aleurone, **14,** 246; Heudebert's Pain Essentiel, **14,** 246; Heudebert's Pain de Gluten, **14,** 246; Hövel's Saccharin-Schokolade, **13,** 70; Hoyt's products. See Pure Gluten Food

Diabetic foods—continued.

Co.; Hundhausen's Aleuronat, **13,** 20; Hundhausen's Aleuronat Biskuits, **13,** 30; Hundhausen's Aleuronat Brot, **13,** 26; Hundhausen's Aleuronat Kakes, **13,** 30; Hundhausen's Aleuronat Zwieback, **13,** 30; Hundhausen's Glutenmehl, **13,** 70; Huntley and Palmer's Akoll Biscuits, **12,** 108, 111; **13,** 30; Jireh Baking Powder, **06,** 158; **13,** 67; Jireh Bread, **06,** 156; **13,** 26; Jireh Diabetic Biscuits, **06,** 156, 158; **13,** 30; Jireh Diabetic Cocoa, **06,** 158; **13,** 38; Jireh Diabetic Flour, **06,** 156; **13,** 20; Jireh Diabetic Rusks, **06,** 158; **13,** 30; Jireh Diatetic Biscuits, **13,** 30; Jireh Diatetic Rusks, **13,** 30; Jireh Flour, **06,** 156; **13,** 20; Jireh Frumenty, **13,** 34; Jireh Macaroni, **13,** 36; Jireh Patent Barley, **13,** 20; Jireh Patent Cotton Seed Flour, **13,** 20; Jireh Patent Lentils Flour, **13,** 20; Jireh Pine Nuts, **13,** 36; Jireh Protein Flour, **13,** 20; Jireh Soja Bean Flour, **13,** 20; Jireh Wheat and Barley Flour, **06,** 156; **13,** 20; Jireh Wheat Nuts, **06,** 158; **13,** 26; Jireh Whole Wheat Bread, **06,** 156; **13,** 26; Jireh Whole Wheat Farina, **13,** 34;

Diabetic foods—continued.

Johnson Bros. Gluten Flour, **04,** 188; Johnson Educator Food Co.'s Almond Biscuits, **06,** 158; **13,** 32; Johnson Educator Food Co.'s Diabetic Biscuits, **06,** 158; **13,** 32; Johnson Educator Food Co.'s Educator Gluten Bread Sticks, **13,** 32; Johnson Educator Food Co.'s Educator Cookies, **11,** 135; **12,** 112; **13,** 32; Johnson Educator Food Co.'s Educator Crackers, **06,** 158; **13,** 32; Johnson Educator Food Co.'s Educator Flour, **06,** 156; **11,** 135; **12,** 111; **13,** 20; Johnson Educator Food Co.'s Educator Rusks, **06,** 158; **13,** 32; Johnson Educator Food Co.'s Educator Wafers, **06,** 158; **13,** 32; Johnson Educator Food Co.'s Glutine, **06,** 158; **13,** 32; Kellogg's Avena-Gluten Biscuit, **12,** 108, 112; **13,** 32; Kellogg's Breakfast Toast, **12,** 108; Kellogg's Granola, **11,** 135; **12,** 112; **13,** 34; Kellogg's Malted Nuts, **13,** 36; Kellogg's Nut Bromose, **13,** 38; Kellogg's Pine Nuts, **13,** 36; Kellogg's Potato-Gluten Biscuits, **06,** 156; **13,** 32; Kellogg's Protose, **13,** 38; Kellogg's Pure Gluten Biscuits, **06,** 156; **13,** 32; Kellogg's Sanitas Almond Butter, **06,**

Diabetic foods—continued.
158; **13,** 38; Kellogg's Sanitas Meltose, **11,** 161; **12,** 112; **13,** 38; Kellogg's Sanitas Nut Butter, **06,** 158; **13,** 38; Kellogg's Sanitas Nut Meal, **06,** 156; **13,** 38; Kellogg's Sanitas Nuttolene, **06,** 158; **13,** 38; Kellogg's Taro-Gluten Biscuit, **13,** 32; Kellogg's 20% Gluten Meal, **12,** 108, 111; **13,** 20; Kellogg's 40% Gluten Biscuit, **06,** 156; **11,** 135; **12,** 108, 111, 112; **13,** 32; Kellogg's 40% Gluten Flour, **06,** 156; **12,** 108, 111; **13,** 20; Kellogg's 40% Gluten Flour, Self-Raising, **13,** 20; Kellogg's 80% Gluten, **12,** 108, 111; **13,** 20; **14,** 246; Kellogg's 80% Gluten Biscuit, **12,** 108, 112; **13,** 32; Kirche's Aleuronat-Kakes, **13,** 32; Klopfer's Glidine, **13,** 24; Klopfer's Glidinebrot, **13,** 32; Krecke's Energin, **13,** 24; Lindheiner's Diabetesmilch, **13,** 70; Loeb's Chocolate Almond Bars, **14,** 246; Loeb's Diabetic Almond Macaroons, **14,** 246; Loeb's Diabetic Bread Sticks, **14,** 246; Loeb's Diabetic Chocolates, **14,** 246; Loeb's Diabetic Lady Fingers, **14,** 246; Loeb's Diabetic Sponge Cookies, **14,** 246; Loeb's Gluten Cracker Meal, **13,** 20; Loeb's Gluten Luft Bread **13,**

Diabetic foods—continued.
32, 285; **14,** 246; Loeb's Home Made Noodles, **13,** 36; Loeb's Imported Gluten Flour, **13,** 20; Loeb's P. & L. Gluten Bread, **13,** 26, 285; **14,** 246; Loeb's Pure Gluten Flour, **13,** 22; Loeb's Whole Wheat Flour, **13,** 22; Loeb and Co.'s Gluten Flour, **13,** 22; Mansfield Laboratories, **14,** 246; Marcel's Soyabrot, **13,** 70; Martindale's Gluten Flour, **13,** 22; Marvelli's Macaroni, **01,** 199; **13,** 36; Marvelli's Spaghetti, **12,** 112; **13,** 36; Metcalf's Soja Bean Meal, **06,** 156; **13,** 22; Metcalf's Vegetable Gluten, **06,** 156; **13,** 22; Muller's Tomatoes für Diabetiker, **13,** 68; Nashville Sanat. Food Co. Malted Nut Food, **13,** 36; Nashville Sanat. Food Co. Nut Butter, **13,** 38; Nashville Sanat. Food Co. Nutcysa, **13,** 38; Nashville Sanat. Food Co. Nutfoda, **13,** 38; Niemöller's Robo-rat, **13,** 22; Pavy's Mandelbrot, **13,** 70; Phospho D. and D. Special, **14,** 246; Pieser-Livingston Gluten Flour, **13,** 22; Plasmon, **08,** 604; **13,** 24; Plasmon Chocolate, **03,** 140; **13,** 38; Plasmon Cocoa, **03,** 133; **13,** 38; Platschek's Glutenmehl, **13,**

Diabetic foods—continued.

70; Platschek's Kakes, **13,** 70; Platschek's Sojabohnenmehl, **13,** 70; Pokorny's Diabetikerbrot, **13,** 70; Pokorny's Diabetiker-zwieback, **13,** 285; Pure Gluten Food Co.'s Hoyt's Gum Gluten, **06,** 156; **13,** 22; Pure Gluten Food Co.'s Gum Gluten Biscuit Crisps, **13,** 32; **14,** 246; Pure Gluten Food Co.'s Gum Gluten Breakfast Food, **06,** 157; **11,** 135; **12,** 112; **13,** 34; **14,** 246; Pure Gluten Food Co.'s Gum Gluten Flour, **11,** 135; **12,** 111; **13,** 22, 285; **14,** 246; Pure Gluten Food Co.'s Gum Gluten Dainty Fluffs, **13,** 285; **14,** 246; Pure Gluten Food Co.'s Gum Gluten Granules, **06,** 157; **11,** 135; **13,** 34; **14,** 246; Pure Gluten Food Co.'s Gum Gluten Ground, **06,** 157; **12,** 112; **13,** 22; **14,** 246; Pure Gluten Food Co.'s Gum Gluten Macaroni, **12,** 112; **13,** 36; Pure Gluten Food Co.'s Gum Gluten Noodles, **11,** 135; **12,** 36; **14,** 246; Pure Gluten Food Co.'s Gum Gluten Self-Raising, **06,** 157; **13,** 22; **14,** 246; Pure Gluten Food Co.'s Plain Gluten Flour, **13,** 22; Pure Gluten Food Co.'s Pure Gluten Breakfast Cereal, **13,** 34; Pure Gluten Food

Diabetic foods—continued.

Food Co.'s Pure Gluten Flour, **13,** 22; Pure Gluten Food Co.'s Special Flour, **14,** 246, Rademann's Conservirte Früchte, entzuckert, **13,** 68; Rademann's Conservirte Früchte, in eigenen Saft, **13,** 68, 71; Rademann's Conservirte Früchte, ohne Zucker, **13,** 68; Rademann's Diabetiker-Biskuits, **13,** 32; Rademann's Diabetiker Bretzel, **13,** 32; Rademann's Diabetiker Brot, **13,** 70; Rademann's Diabetiker Cacao, **13,** 38, 70; Rademann's Diabetiker Chokolade, **13,** 38, 70; Rademann's Diabetiker Chokolade-Biskuits, **13,** 32; Rademann's Diabetiker Dessert - Gebäck, **13,** 32; Rademann's Diabetiker Graham brot, **13,** 26, 71; Rademann's Diabetiker Makronen, **13,** 32; Rademann's Diabetiker Mehl, **13,** 22, 70; Rademann's Diabetiker Schwarzbrot, **13,** 26, 71; Rademann's Diabetiker Stangen, **13,** 32, 70; Rademann's Diabetiker Weissbrot, **13,** 26, 71; Rademann's Diabetiker Zwieback, **13,** 34, 71; Rademann's "D - K" Brot, **13,** 26, 71; Rademann's "D-K" Schrotbrot, **13,** 71; Rade-

Diabetic foods—continued.
mann's Erdnuss-Biskuits, **13,** 34; Rademann's Erdmuss-Brot, **13,** 26; Rademann's Haferbrotscheiben, **13,** 71; Rademann's Johannisbeer Saft, **13,** 68; Rademann's Käsestangen, **13,** 34; Rademann's Litonbrot, **13,** 26; Rademann's Makkaroni, **13,** 71; Rademann's Nudeln, **13,** 71; Rademann's Sanitätszwieback, **13,** 34, 71; Ralston's Gluten Flour, **13,** 22; Remy and Kohlhaas's Conservirte Früchte, entzuckert, **13,** 71; Richelieu Gluten Flour, **13,** 22; Roborat, **13,** 22; Roborat Schwarzbrot, **13,** 71; Roborat Stangen, **13,** 71; Roborat Weissbrot, **13,** 71; Roborat Zwieback, **13,** 71; Rose's Diabetesmilch, **13,** 38; Salus's Brot, **13,** 71; Salus's Schwarzbrot, **13,** 71; Salus's Weissbrot, **13,** 71; Sanatogen. See Bauer; Sanitas foods. See Kellogg; Schelle's Aleuronat-Kakes, **13,** 34; Schelte's Aleuronatbrot, **13,** 26; Seidl's Aleuronatbrot, **13,** 26, 71; Seidl's Kleberbrot, **13,** 26, 71; Seidl's Kleberzwieback, **13,** 34, 71; Soson. See Eiweiss-Extrakt Co.; Sprague, Warner and Co.'s Richelieu Gluten Flour, **13,** 22; Stollwerck's Lävulose-Schokolade, **13,** 71; Tropon, **13,** 24; Tropon Brot, **13,** 26; Tropon Schokolade, **13,** 38; Uhl's Karlsbad Sprüdel Biscuit, **13,** 34; Van Abbott's Almond Flour, **13,** 22; Van Abbott's Caraway Biscuits, **13,** 34; Van Abbott's Diabetic Orange Jelly, **13,** 69; Van Abbott's Diabetic Rusks, **13,** 34; Van Abbott's Euthenia Biscuits, **13,** 34; Van Abbott's Ginger Biscuits, **13,** 34; Van Abbott's Gluten Biscottes, **13,** 34; Van Abbott's Gluten Bread, **13,** 34; Van Abbott's Gluten Butter Biscuits, **13,** 34; Van Abbott's Gluten Flour, **13,** 22; Van Abbott's Gluten Semola, **13,** 22; Van Abbott's Midolia Biscuits, **13,** 34; Van Abbott's Walnut Biscuits, **13,** 34; Waukesha Hepco Dodgers, **13,** 285; Waukesha Hepco Flour, **13,** 285; Welch's Diabetic Flour, **04,** 182, 188; **11,** 135, 196; **12,** 111; Whiting's Sugar-Free Milk, **13,** 38; Wilson's Gluten Flour, **13,** 22; Wilson's Gluten Flour Self-Raising, **13,** 22.
cost, **13,** 46, 52, 60,62.
definitions, **13,** 11.
net weight, **11,** 136; **12,** 108, 144; **13,** 18–39; **14,** 239–247.

Diabetic foods—continued.
palatability, **13,** 16.
standards, **13,** 12.
See also baking powder, breakfast foods, chocolate, cocoa, color, fruits, gluten preparations, various nuts, pastes, peanut butter, saccharin, soy beans and wines.
Diabeto bread. See diabetic foods (Heinbockel).
Diapepsin. See Pape.
Diastatic power. See amylolytic.
Dieto foods, analyses, **14,** 244.
Dike's Worm Syrup. See worm syrups.
Dilaxin Pills, analysis, **14,** 315.
Dioxogen. See hydrogen dioxide.
Diphenylamine test, method, **08,** 633.
Distillation, fractional. See turpentine.
initial, temperature of. See turpentine.
"D-K" bread, analyses, **13,** 26, 71.
Doan's Kidney Pills, analysis, **14,** 293.
Dulcin, **13,** 84.
Durrha, anatomy, **02,** 334.
Dyes. See colors.

Eckman's Alterative, analysis, **14,** 275.
Edestin test, method, **11,** 184.
Edible pastes, carbohydrates, **13,** 87.
See also macaroni, noodles, spaghetti and vermicelli.
Educator preparations. See Johnson Educator Food Co.
Edulcoren, **13,** 85.
Edwards' Olive Tablets, analysis, **14,** 310.
Eggs, analysis, **00,** 199.
dried, analysis, **11,** 212.
storage, examination, **14,** 333.
substitutes. See Puregg.
El-Gantis Beautifier, analysis, **14,** 298.
Elixir glycerophosphates, analyses **11,** 212.
methods, **11,** 213.
Ely's Liquid Cream Balm, analysis, **12,** 192.
Emken's Preserving Cakes, analysis, **99,** 148.
Emmenagogues, analyses, **13,** 395; **14,** 326.
Emodin, in bitters, **14,** 272.
in worm syrups, **14,** 325.
See also other proprietary medicines.
Empyreumatic substances, in acetic acid, **12,** 147.
Energin, analysis, **13,** 24.
Eno's Fruit Salt-Derivative, analysis, **14,** 310.
Epilepsy remedies, analysis, **14,** 327; See also Kosine.
Epp-o-tone, analysis, **14,** 298.
Epsom salt, in syrup of figs, **12,** 155.
in Williams' Pink Pills, **12,** 188.
See also other proprietary medicines and magnesium sulphate.
Eptol, analysis, **14,** 299.
Eskay's Albumenized Food, analysis, **08,** 604.
Essentiel Bread, analysis, **07,** 139; **12,** 111; **13,** 26; **14,** 246.
Esters. See whiskey.
Ether extract, methods, **02,** 278; **03,** 144; **04,** 135; **08,** 601, 611; **09,** 191, 193; **11,** 109, 148.
See also Albulac, alfalfa bread, banana flour, bindweed, biscuits, bouillon, bread, breakfast foods, canned corn peas and pumpkin, cheese, chocolate, cocoa, cod liver oil emulsions, coffee, condensed milk, confectionery, crackers, Dehydro foods, diabetic foods, dried eggs, eggs, fat, foxtail, ice cream, ice cream cones,

Ether extract—continued.
infant and invalid foods, Korno products, laxative preparations, macaroni, meat extracts and meat preparations, milk powders, noodles, peanut butter, pepper shells, prepared mustard, Puregg, salad dressing, Sanatogen, sorghum, spaghetti, various spices, Steriline, tomatoes, tomato soup, vermicelli, volatile oil, wheat bran and wheat screenings.
non-volatile, methods, **97,** 22, 25; **98,** 186.
See also Bombay mace, buckwheat hulls, cassia buds, clove stems, cocoa shells, cubebs, date stones, linseed meal, various nut shells, pepper shells, red sandalwood and various spices.
volatile, methods, **98,** 186.
See also various spices.
Ether, spirit of nitrous, analyses, **11,** 182, 210.
standards, **11,** 181.
Ethyl acetate. See whiskey.
nitrite. See spirit of nitrous ether.
Etna spring water, analysis, **00,** 211.
Euthenia Biscuits. See diabetic foods (Van Abbott).
Extract (solids). See beer, bitters, blackberry brandy, coca wine, kola wine, malt extract, proprietary medicines, root beer and syrup of figs.
Extract, alcohol, methods, **98,** 187; **10,** 516; **11,** 148.
See also asafetida, Bombay mace, buckwheat hulls, cassia buds, clove stems, cocoa shells, cubebs, date stones, ginger extract and tincture, linseed meal, various nut shells, pepper shells, red sandalwood, sawdust and various spices.
cold water, methods, **08,** 190; **09,** 172; **10,** 516; **11,** 109.
See also breakfast foods, chocolate, cocoa, coffee, ginger, exhausted ginger, ginger extract and tincture, and infant and invalid foods.
hot water, methods, **98,** 132; **11,** 109.
See also chocolate, cocoa and tea.
Eye remedy, analysis, **14,** 328. See also Crystos.

Farina. See breakfast foods.
Fat. See cream, ether extract and milk.
Father John's Medicine, analysis, **11,** 166.
Fats, carbohydrates, **13,** 87.
Fessenden's Food, analysis, **02,** 604.
Fiber, methods, **98,** 189; **02,** 275; **03,** 141.
See also alfalfa bread, banana flour, bindweed, biscuits, Bombay mace, breakfast foods, buckwheat hulls, canned corn peas and tomatoes, cassia buds, chocolate, clove stems, cocoa, cocoa shells, coffee, crackers, cubebs, date stones, Dehydro foods, diabetic foods, foxtail, ice cream cones, infant and invalid foods, ketchup, laxative preparations, linseed meal, macaroni, noodles, various nut shells, peanut butter, pepper shells, prepared mustard, red sandalwood, sawdust, sorghum seed, various spices, tomatoes, vermicelli, wheat bran and wheat screenings.

Figs, analyses, **12,** 105.
brands, Arguimbau and Ramée, Armée, Austin Nichols and Co., Bengal, Camp, Carpenter, Cresca, Guggenhine, Hills, Imperial, Lesbian, Reggio, Rosenberg, Seeman, Smyrna, Van Dyk and Catrevas, White Lily, Williams, **12,** 105.
net weight, **12,** 105.
Figs, syrup of, analyses, **12,** 154.
brands, A. D. S., California, Cosmopolitan, Dupee, Hobson, Leverty, Narco, Nyal, Penslar, Rexall, Riker, Vita, Wampole, **12,** 154.
Fish, carbohydrates, **13,** 86.
flakes, net weight, **12,** 141.
scrap, analysis, **14,** 333.
Flavors, synthetic, analyses, **11,** 202.
recipes, **99,** 115.
See also artificial flavor.
Flax seed, in wheat screenings, **02,** 341.
Flour, almond, analysis, **06,** 157; **13,** 18, 22.
buckwheat, analyses, **00,** 117; **04,** 141; **07,** 128, 162; **13,** 303.
brands, Atlantic, **04,** 147; Barber and Bennett, **04,** 147; Borst and Burhaus, **04,** 147; Bridgeport Public Market, **04,** 147; Burton and Davis, **00,** 118; Cold Snap, **00,** 118; Davey, **00,** 118; Eureka, **04,** 147; Ever Ready, **04,** 147; Gansevoort, **04,** 147; Great Atl. and Pac. Tea Co., **04,** 147; Hecker, **04,** 147; H. O., **00,** 116; **04,** 147; Mohican, **04,** 147; Mountain Mills, **00,** 118; Penn Mills, **00,** 118; Pieser and Livingston, **04,** 147; Port Jefferson, **00,** 118; Russell and Birkett, **00,** 118; Street, **00,** 118; **04,** 147.
standards, **04,** 111.
See also corn, oats and wheat.
prepared, net weight, **12,** 145.
Flour—continued.
rye, standards, **04,** 111.
soy bean, analyses, **06,** 156; **12,** 108, 111; **13,** 18–22, 70, 285.
wheat, analyses, **98,** 218; **06,** 161; **10,** 578; **14,** 244–246.
brands, American Cereal Co., **98,** 219; Anchor, **98,** 219; Bryan, Miner and Read, **98,** 219; Bushnell, **98,** 219; Central Mills, **98,** 219; Crocker, **98,** 219; Hecker, **98,** 219; Hygiene, **98,** 219; King, **98,** 219; Liberty, **98,** 219; Norton, **98,** 219; Pettit, **98,** 219; Pillsbury, **98,** 219; Port Jefferson, **98,** 219; Princess, **98,** 219; Staten Island, **98,** 219; Thompson, **98,** 219; Townshend, **98,** 219; E. S. W. and Co., **98,** 219; Washburn-Crosby, **98,** 21; Western Cons. Mill. Co., **98,** 219; Wilson, **98,** 219.
entire, analyses, **06,** 161; **14,** 244.
macaroni, analyses, **06,** 161.
standards, **04,** 110.
wholesome brownish, analysis, **11,** 211.
See also gluten and graham.
Flours, carbohydrates, **13,** 87.
Fluvol Powder, analysis, **14,** 280.
Foam test, **12,** 174. See also turpentine.
Food adulterations observed in Connecticut, **14,** 349.
Food conditions in Connecticut in 1914, **14,** 351.
Food inspection, effect of, in Connecticut, **14,** 341.
Foods examined, 1896-1914, **14,** 341.
Force. See breakfast foods.
Formaldehyde, analyses, **99,** 156; **09,** 274; **10,** 564.
brands, Lee and Osgood, **10,** 564; Lehn and Fink, **10,** 564; Merck, **10,** 564; Powers, Weightman and Rosengarten, **10,** 564; Westport, **10,** 564.

Formaldehyde—continued.
in cream, **00,** 135; **01,** 118; **11,** 128.
in milk, **00,** 128–132; **01,** 107, 108, 113, 117; **02,** 186; **04,** 124; **05,** 110; **11,** 145; **13,** 299, 302.
methods, **99,** 133, 143; **00,** 127; **01,** 106; **10,** 563.
standards, **10,** 562.
Formalin. See formaldehyde.
Forman's Cider Preservative, analysis, **99,** 146.
Preservative for Wine, analysis, **99,** 147.
Fowler's solution, analyses, **10,** 566, 567.
methods, **10,** 567.
standards, **10,** 564.
Foxtail, green, analyses, **02,** 344.
anatomy, **02,** 352.
in wheat screenings, **02,** 341.
yellow, analyses, **02,** 344.
anatomy, **02,** 358.
in wheat screenings, **02,** 341.
Franck's Grains of Health, analysis, **12,** 187.
Frankfort sausage. See sausage.
Freckle remedies. See skin.
Freeze-Em, analysis, **99,** 150.
Freezine, analysis, **97,** 141.
Frostilla. See Holmes.
Frostlene, analysis, **01,** 179.
Fruitina, analyses, **99,** 119, 134; **02,** 212.
Fruit juices, analyses, **99,** 136; **09,** 199; **11,** 130–133; **12,** 203.
net volume, **02,** 206, 215.
See also various fruits.
Fruit Nectar, analyses, **99,** 120, 134.
Fruitola, analysis, **14,** 311.
Fruit Puddine, analysis, **09,** 202.
Fruit syrups, analyses, **99,** 134–137; **02,** 202, 203; **09,** 237; **11,** 131–133, 197–199; **12,** 206.
net volume, **99,** 122–125; **02,** 206–215.
See also various fruits.
Fruits, carbohydrates, **13,** 91, 92.
dried. See apples, apricots, currants, figs, prunes and raisins.
Frumenty. See breakfast foods.
Fudge, analysis, **13,** 275.
Fuel value. See calories.
Fungicide, analysis, **01,** 184.
Furfurol, methods, **10,** 551. See also alcohol.
Fusel oil, methods, **10,** 552. See also alcohol.

Galactan, in laxative preparations, **14,** 237.
Game, carbohydrates, **13,** 86.
Garantose, analysis, **13,** 80.
Gelatine, analyses, **09,** 196; **13,** 286, 303.
brands, Adams, **09,** 196; Baker, **09,** 196; Cooper, **09,** 196; Cox, **09,** 196; Crystal, **09,** 196; Essex, **13,** 286; Great Atl. and Pac. Tea Co., **09,** 196; Hughes, **13,** 286; Keefe and Davis, **09,** 196; Kingery, **13,** 286; Knox, **09,** 196; Keystone, **09,** 196; Milligan and Higgins, **13,** 286; Minute, **09,** 196; Seeman, **09,** 196; Star, **09,** 196; Swampscott, **09,** 196; Walker, **09,** 196; Williams and Carleton, **09,** 196.
net weight, **09,** 195.
standards, **09,** 195.
See also jellies, jelly powders, marshmallows and Tri-Krema.
Germicidal Shampoo Powder, analysis, **14,** 284.
Gin, alcohol in, **02,** 255.
Ginger, analyses, **98,** 150–152, 203; **99,** 102; **01,** 189, 192; **07,** 156; **08,** 577–581.
brands, Andresen, **07,** 156; Augur, **98,** 148; **08,** 576; Austin, Nichols and Co., **98,** 147; **09,** 576; Bennett, Simpson and Co., **98,** 147; **08,** 576; Bennett, Sloan and Co., **08,** 576; Boardman, **98,** 147; **08,** 580; Brownell and Field, **97,** 157; Bugbee and Brownell, **98,** 148; Bushnell, **98,** 148; **07,** 157; Centennial Tea Co., **98,** 149; **08,** 576; Challenge, **98,** 148;

Ginger—continued.
Colburn, **07,** 156; **08,** 576; Columbia Tea Co., **08,** 576; Dean, **08,** 576; Durkee, **98,** 148; **08,** 576; Dwinell, Wright and Co., **01,** 189; **07,** 157; East India Tea Co., **07,** 157; Farrington, **98,** 147; Fischer, **97,** 157; Gillies, **98,** 147; **08,** 576; Glover, **08,** 576; Grand Union Tea Co., **98,** 147; **08,** 576; Hall, **08,** 576; Hill, **08,** 576; Hills, **98,** 147; Hornick, **98,** 148; Howard, **98,** 148; **08,** 576; Hubert, **97,** 156; Kibbe, **98,** 148; Leggett, F. H., **08,** 576; Leggett, W. A., **98,** 148; Lincoln, **08,** 576; Lincoln, Seyms and Co., **98,** 147; Mansfield, **08,** 576; Middlesex, **08,** 576; Miner, Read and Garrette, **08,** 576; Mohican, **08,** 580; Powers, **98,** 147; Sadd, **08,** 576; Slade, **98,** 147; **07,** 157; **08,** 576; Sprague, Warner and Co., **08,** 576; Square Deal, **98,** 148; Stetson, **98,** 148; Stickney and Poor, **98,** 147; **08,** 576; Sultana, **08,** 580; Thomas and Turner, **08,** 576; Trubee, **08,** 580; Union Pacific Tea Co., **98,** 147, 148; **08,** 576; Union Spice Co., **98,** 147; Welch, **98,** 148; **08,** 580; Williams, **08,** 576; Williams and Carleton, **08,** 576.
in cinnamon, **98,** 181, 183; **01,** 193.
net weight, **08,** 579.
standards, **03,** 119; **04,** 114; **08,** 575.
See also buckwheat, cayenne, charcoal, coffee hulls, corn, gypsum, lime, mustard hulls, rice, sawdust, turmeric and wheat.
Ginger ale, analyses, **99,** 117, 124, 126, 136, 137; **02,** 210, 212; **11,** 197; **13,** 299; **14,** 334.
brands, Aero Dist. Water Co., **99,** 124; Arethusa, **99,** 126; **02,** 210; Aurora, **02,** 210; Bacon, **99,** 124; Bartley and Clancy, **02,** 210; Bohan, **02,** 210; Cantrell and Cochrane, **99,** 124; Clancey, **99,** 126; **02,** 210; Clicquot Club, **99,** 126; **02,** 210; Crystal, **99,** 124; **02,** 210; **11,** 197; Diamond, **99,** 126; **02,** 212; Eagle, **99,** 124; **02,** 210; Everett, **99,** 124; Fairfield, **99,** 124; Frankel, **11,** 197; Gilhuly, **11,** 197; Gosman, **02,** 210; Gray, **99,** 124; Gray and Light, **02,** 210; Greater N. Y., **02,** 210; Grumman, **02,** 210; Hires, **02,** 212; Howard, **99,** 126; Hygeia, **99,** 124, 126; Kane, **02,** 210; Lee, **02,** 210; Lutton, **02,** 210; Lyons, **02,** 210; Morehouse, **02,** 210; Mosca, **99,** 124; **11,** 197; Mullins, **02,** 210; Phenix, **02,** 212; Pureoxia, **02,** 212; Ross, **99,** 124; Schuyler, **99,** 126; **02,** 210; Scovill, **99,** 124; **02,** 210; Seeley, **02,** 210; Simpson, **02,** 210; Stapleton, **02,** 210; Star, **02,** 210; **11,** 197; Vartray, **99,** 126; **02,** 210; Wahrenberger, **99,** 124.
See also boric acid, capsicum, color, saccharin and salicylic acid.
Ginger biscuits, analyses, **13,** 28, 34; **14,** 232.
cordial, analysis, **11,** 133.
exhausted, analyses, **98,** 203; **08,** 581.
extract, analyses, **10,** 501, 503.
brands, Austin, Nichols and Co., **10,** 500, 502; Clark, **10,** 502; Colburn, **10,** 500; Colton, **10,** 502; Direct Imp. Co., **10,** 502; Donzales, **10,** 502; East India

Ginger extract—continued.
Tea Co., **10,** 500; Goodhonest, **10,** 502; Grand Union Tea Co., **10,** 502; Great Atl. and Pac. Tea Co., **10,** 500, 502; Hartford, **10,** 500; Imperial, **10,** 502; Littell, **10,** 500; Loveday, **10,** 500; McKee, **10,** 502; Mohican, **10,** 502; McMonagle and Rogers, **10,** 500; Nichols and Harris, **10,** 500; Sadd, **10,** 502; St. John, **10,** 500; Seeman, **10,** 502; Shartenberg and Robinson, **10,** 502; Thompson, **10,** 502; Union Pac. Tea Co., **10,** 502; Van Dyk, **10,** 502; Williams and Carleton, **10,** 500; Yale Tea Co., **10,** 500.
methods, **10,** 515.
net volume, **10,** 501, 503.
standards, **10,** 498.
See also capsicum, caramel, glycerine and molasses.
limed, standards, **03,** 119; **04,** 114.
tincture, analyses, **10,** 569, 579.
standards, **10,** 568.
See also ginger extract.
wafers, analyses, **14,** 232.
brands, National Biscuit Co., **14,** 232; Sunshine, **14,** 232.
See also diabetic foods.
Girard's test, **99,** 131; **01,** 132.
Glidine, analysis, **13,** 24, 32.
Glucin, **13,** 85.
Glucose, in blackberry brandy, **14,** 252.
in carbonated drinks, **99,** 117.
in cod liver oil wines, **11,** 174.
in cordials, **01,** 147.
in figs, **12,** 105.
in fruit syrups, **99,** 117; **02,** 203, 209; **11,** 132; **12,** 203.
in honey, **97,** 17; **98,** 157; **07,** 139.
in jams, **98,** 123, 125; **00,** 156; **05,** 142; **08,** 587; **11,** 161.
in jellies, **98,** 115, 117; **01,** 127; **08,** 587.
Glucose—continued.
in maple syrup, **96,** 11.
in molasses, **97,** 61; **98,** 221; **99,** 158; **00,** 217; **01,** 296; **02,** 264; **03,** 156; **04,** 189; **05,** 142; **06,** 129; **07,** 162; **08,** 713; **12,** 204.
in pickles, **02,** 219; **09,** 218.
in rice, **12,** 120.
in syrups, **98,** 221.
in vanilla extract, **01,** 153.
methods, **12,** 116.
standards, **03,** 116; **04,** 112.
syrup, standards, **03,** 116; **04,** 112.
Gluten bread and biscuit, analyses, **02,** 256; **06,** 157–159; **07,** 139; **08,** 711; **10,** 550; **11,** 135; **12,** 108, 111, 112; **13,** 24–30, 34, 70, 285; **14,** 244–246. See also diabetic foods.
flour, analyses, **04,** 188; **06,** 157; **07,** 139; **08,** 712; **11,** 135, 196; **12,** 108, 111; **13,** 18–22, 285; **14,** 244–246. See also diabetic foods.
preparations. See diabetic foods.
Glutin Biscuits, analysis, **13,** 30.
Glutine, analysis, **06,** 159; **13,** 32.
Gluto-Cacao, analysis, **13,** 38.
Glutona, analysis, **06,** 157; **13,** 30.
Glutosac preparations. See diabetic foods (Health Food Co.).
Glycerin, analyses, **12,** 158.
in bitters, **14,** 273.
in cod liver oil wines, **11,** 174; **14,** 319.
in ginger extract, **10,** 501.
in lemon extract, **09,** 207.
in malt extract, **14,** 254.
in proprietary medicines, **12,** 188, 193–196, 199; **14,** 256–332.
in sarsaparilla extract, **11,** 190.
in vanilla extract, **01,** 155-159.
methods, **11,** 157.
standards, **12,** 157.
Glycerophosphates. See elixir and Sanatogen.
Gold chloride, in Orrine, **14,** 260.
Golden Ice Cream Powder. See ice cream powders.

Goldman's Gray Hair Color Restorer, analysis, **14,** 285.
Golf Mist, analysis, **02,** 201.
Gooseberry, anatomy, **02,** 313.
jam, analyses, **98,** 123, 127.
brands, Cairn, **98,** 123.
Gouraud's Oriental Cream, analysis, **12,** 185.
Graham bread, analyses, **13,** 26, 71.
crackers, analyses, **14,** 230.
brands, Battle Creek, Johnson, National Biscuit Co., Sunshine, **14,** 230.
flour, analyses, **98,** 219; **11,** 211.
Grain hulls, in black pepper, **96,** 39, 40.
Grain-O, analysis, **98,** 144.
Granola, analyses, **11,** 135; **12,** 112; **13,** 34.
Granose Biscuit, analysis, **14,** 232.
Grape fruit preserve, analysis, **08,** 584.
brand, Beech-Nut, **08,** 584.
jam, analyses, **98,** 123, 127.
brand, Ams, **98,** 123.
jelly, analyses, **98,** 112, 115, 118; **01,** 125, 133; **08,** 594.
brands, Adams, **01,** 125; Columbia, **98,** 114; Cruikshanks, **08,** 594; Steele, **01,** 125; Stone, **98,** 112; W. P. and Co., **98,** 114.
juice, analyses, **99,** 128, 136; **02,** 206, 298; **09,** 199; **11,** 130; **12,** 203; **13,** 303; **14,** 336.
brands, Armour, **11,** 130; Duffy, **11,** 130; Fenner, **02,** 206; **11,** 130; Gleason, **09,** 199; Great Atl. and Pac. Tea Co., **09,** 199; Haines, **14,** 336; Howland, **11,** 130; Lake Erie, **11,** 130; Leggett, **02,** 206; Lehn and Fink, **02,** 208; Millen, **11,** 130; Naboth, **09,** 199; Paw Paw, **09,** 199; **12,** 203; Randall, **02,** 208; **03,** 155; **09,** 199; Ritter, **99,** 128; Ruby, **02,** 206; Schühle, **09,** 199; Snow, **99,** 128; Steele, **02,** 206; Vinos, **02,** 206; Vineland, **09,** 199; Walker, **11,** 130; Walker, W. W., **02,** 208; Welch, **99,** 128; **09,** 199.
standards, **09,** 198.
See also alcohol, benzoic acid, color, salicylic acid, sucrose, and sulphurous acid.
Grape-Nuts. See breakfast foods.
Grape syrup, analyses, **99,** 117.
Gray's Catarrh Powder. See catarrh powders.
Greene's Nervura, analysis, **14,** 316.
Guava jelly, analyses, **98,** 115, 119.
brands, Cowdrey, **98,** 115.
Gum drops, analyses, **13,** 276.
gluten preparations. See diabetic foods (Pure Gluten Food Co.).
powder. See ice cream powders.
tragacanth, in ice cream powders, **13,** 286.
G. Washington Coffee, analysis, **11,** 160.
Gypsum, in baking powder, **00,** 168; **04,** 253.
in cream of tartar, **96,** 67; **00,** 181; **01,** 195; **04,** 156; **06,** 151; **07,** 138.
in ginger, **98,** 149.
in mustard, **96,** 48; **01,** 192.
in white pepper, **01,** 192.
See also calcium sulphate and lime.

Hagee's Cordial, analysis, **11,** 174.
Hair and scalp remedies, analyses, **14,** 281–292.
brands, A. D. S. Hair Reviver, **14,** 281; Allen's World's Hair Color Restorer, **14,** 281; Ayer's Hair Vigor, **14,** 282; Birt's

Hair and scalp remedies—continued. Head Wash, **14,** 282; Canthrox, **14,** 283; Coke Dandruff Cure, **14,** 283; Danderine, **14,** 284; Germicidal Shampoo Powder, **14,** 284; Goldman's Gray Hair Color Restorer, **14,** 285; Hair Reviver, **14,** 285; Hairwand, **14,** 286; Liquid Arvon, **14,** 286; Luxuriant Hair Tonic and Grower, **14,** 286; Nyal's Hirsutone, **14,** 287; Parisian Sage Compound, **14,** 287; Parker's Hair Balsam, **14,** 288; Penslar Hair Tonic, **14,** 288; Plain Yellow Minyol, **14,** 289 Potter's Walnut Hair Stain, **14,** 289; Stephan's Clescalp, **14,** 290; Ther-Ox, **14,** 290; Westphal's Auxiliator, **14,** 291; Wyeth's Sage and Sulphur Remedy, **14,** 291; Yale's Excelsior Hair Tonic, **14,** 292.

Hair Reviver, analysis, **14,** 285.

Hairwand, analysis, **14,** 286.

Hale's Honey of Horehound and Tar, analysis, **14,** 278.

Halphen test, method, **00,** 143. See also camphor liniment, corn oil, lard, lard substitutes, olive oil, salad dressing and Wesson's cooking oil.

Ham, potted, net weight, **12,** 142.

Hamamelis water. See witch hazel.

Hamburg steak, analyses, **06,** 128. See also sulphurous acid.

Hand's Worm Elixir. See worm syrups.

Hanford's Balsam of Myrrh, analysis, **14,** 327.

Hanus No. See iodine No.

Hardness of water, method, **00,** 203. See also table waters.

Hazelnut Sticks, analyses, **13,** 28.

Headache remedies, analyses, **08,** 692–705; **11,** 179, 180, 205.

brands, Aceton, **08,** 692; A. D. S., **08,** 696; Antikamnia, **08,** 698; **11,** 180; Bristol Drug Co., **08,** 698; Broderick and Curtin, 08, 698; Bromo Lithia, **08,** 692; Buck, **08,** 696; Budd, **08,** 702; Callahan, **08,** 692; Celero Caffeine, **11,** 179, 205; Champagne's, **08,** 700; Conway, **08,** 700; Coughlin, **08,** 700; Crowell, **08,** 698; Davis, **08,** 694; Duggan, **08,** 698; El-Ce-Dee, **08,** 694; Emerson's Bromo-Seltzer, **08,** 702; Goodwin, **08,** 694; Goulden, **08,** 694; Halloran, **08,** 698; **11,** 180; Hobson, **11,** 179; Hoffman, **08,** 698; Howard, **08,** 702; Hufeland, **08,** 704; James, **08,** 692; Jamieson, **08,** 698; **11,** 179; Jones, **08,** 692; Kelley, **08,** 694; Kibbe, **08,** 700; Kohler, **08,** 702; Lamb, **08,** 692; Lee, **08,** 692; Linde, **08,** 696; Matchless, **08,** 700;

Headache remedies—continued.
McCarthy, **08,** 698; **11,** 179; Mohegan, **11,** 179; Murphy, **08,** 700; Narco, **08,** 700; Nicholson, **08,** 692; Nolan, **08,** 702; Notkin, **08,** 698; Nugent, **08,** 696; Nyal, **08,** 692; Old B's, **08,** 700; Orangeine, **08,** 700; Parker, **08,** 700; Pelton, **08,** 696; Phenyo Caffein, **08,** 694; Poyer, **08,** 702; Quick Relief, **08,** 694; Radom, **08,** 694; Rapport, **08,** 702; Rex, **08,** 702; Rexall, **08,** 702; Schoonmaker, **08,** 700; **11,** 179; Shac, **08,** 700; Shoop, **08,** 704; Simons, **08,** 694; Smith (Norwich), **08,** 694; Smith (Waterbury), **08,** 704; Stanley, **08,** 696; Tanner, **11,** 179; Taylor, **08,** 694; Toucey, **08,** 704; Tracy, **08,** 702; Wetherwax, **08,** 698; Wheeler, **08,** 696; Wilson, **08,** 696; Wolff and Hitch, **08,** 696; Wood, **08,** 702; Woodward, **08,** 696.
methods, **08,** 688.
See also acetanilid, acetphenetidin, caffein and monobromated camphor.
Head cheese, analyses, **97,** 40. See also boric acid.
Hediosit, **13,** 85.
Heintz gluten biscuits, analysis, **13,** 294. See also diabetic foods.
Hemp seed, anatomy, **03,** 175.
Hepco preparations. See diabetic foods (Waukesha).
Heroin preparations, analyses, **11,** 210; **12,** 159; **13,** 305; **14,** 337.
Herrings, net weight, **12,** 141.
Highland rock spring water, analysis, **00,** 211.
spring water, analysis, **00,** 211.
Hill's Freckle Lotion, analysis, **14,** 299.
Hinds' Honey and Almond Cream, analysis, **14,** 299.
Hobson's Laxative Santoinine Worm Syrup. See worm syrups.
Hock wine, analyses, **13,** 72.
Hollywood spring water, analysis, **00,** 211.
Holmes' Fragrant Frostilla, analysis, **14,** 300.
Hominy. See breakfast foods.
Honey cakes, analysis, **14,** 245.
Honey, comb, analyses, **96,** 16.
brands, Austin, Nichols and Co., **96,** 17; Chittenden, **96,** 17; Davis, **96,** 17; Greiner, **96,** 17; Hetherington, **96,** 17; Lamkin, **96,** 17.
See also cane sugar (sucrose).
strained, analyses, **96,** 20; **97,** 38; **98,** 159–161; **04,** 188; **07,** 139, 162; **12,** 115; **14,** 333.
brands, Adams, **96,** 19; Aero Dist. Water Co., **98,** 160; Amer. Grocery Co., **96,** 19; Archer, **07,** 140; **12,** 115; Austin, Nichols and Co., **12,** 115; Barton, **07,** 140; Bishop, **07,** 140; Branch, **07,** 140; Bristol, **12,** 115; Brownell and Field, **98,** 158; **07,** 140; Busy Bee, **97,** 38; City Hall Grocery, **07,** 140; Close, **98,** 158; Coley, **04,** 188; **07,** 140; **12,**

Honey, strained—continued.
115; Crystal, **96,** 19; **98,** 160; Deforth, **98,** 160; DeGroff, **98,** 158; **12,** 115; Dickinson, **12,** 115; Durkee, **96** ,20; Eagle, **96,** 18, 20; **98,** 158; Falcon, **98,** 158; **12,** 115; Foote, **04,** 188; **07,** 140; **12,** 115; Francis, **98,** 158; Geer, **96,** 18; Gloyd, **96,** 20; Gould, **98,** 158; **07,** 140; Graves, **07,** 140; Gregory, **96,** 18; **98,** 158; Guernsey, **12,** 115; Hall, **07,** 140; Hallett, **07,** 139, 140; Harris, **98,** 158; Hatch, **07,** 140; Hazard, **96,** 18, 21; **07,** 140; Heinze, **12,** 115; Hildreth and Segelken, **06,** 19, 20; **07,** 140; **12,** 115; Honeysuckle, **04,** 188; Hudson, **98,** 158; **07,** 140; Humbert and Andrews, **12,** 115; Humphrey, **07,** 140; Israel, **96,** 20; Johnson, **96,** 18; Joslyn, **98,** 158; June, **98,** 158; Kroha, **07,** 140; Lamb, **96,** 18–21; **98,** 158; **04,** 188; **07,** 140; **12,** 115; Latham, **07,** 140; **12,** 115; Laverty, **07,** 140; Leggett, **96,** 19; **98,** 158; **07,** 140; **12,** 115; LeRoy, **07,** 140; Leslie and Dunham, **96,** 20, 21; Loan, **07,** 140; Mayhew, **07,** 140; McCane, **12,** 115; McCall, **07,** 140; McCulloch, **98,** 158; McMechen, **07,** 140; Montclair Jam Kitchens, **12,** 115; New England Maple Syrup Co., **07,** 140; **12,** 115; Pansy, **98,** 160; Park, **12,** 115; Phelps, **96,** 18; Ritter, **07,** 140; Royal, **12,** 115; Selser, **04,** 188; **07,** 140; Simpson Spring Co., **07,** 140; **12,** 115; Stanton, **96,** 18, 20, 21; **98,** 158; **07,** 140; Strever, **98,** 158; Thompson, **96,** 20; **98,** 160; Vermont Maple Syrup Co., **96,** 20; **07,** 140; **12,** 115; Waters, **98,** 160; Welch, **96,** 19; West Va. Pres. Co., **98,** 160; Whitcher, Pillman and Co., **98,** 158; Whiting, **07,** 140; Whittlesey, **96,** 19; Williams, **12,** 115.
methods, **96,** 7; **98,** 158; **12,** 113.
net weight, **12,** 115, 142.
standards, **04,** 112; **12,** 110.
See also glucose and sucrose.

Hood's Sarsaparilla. See sarsaparilla extract.

Vegetable Pills, analysis, **14,** 293.

Hopkins' Celebrated Union Stomach Bitters. See bitters.

Horse radish, analyses, **05,** 131.
standards, **03,** 119; **04,** 114.
See also corn.

Hortvet No., method, **06,** 130. See also maple syrup.

Hostetter's Celebrated Stomach Bitters. See bitters.

Hoyt's gluten foods. See diabetic foods (Pure Gluten Food Co.).

Hubl No. See iodine No.

Huckleberry, anatomy, **02,** 322.
juice, analysis, **99,** 136.
wine, analysis, **13,** 285.

Hydrogen dioxide, analyses, **09,** 264; **12,** 184; **13,** 301.
brands, A. D. S., **09,** 264; **13,** 301; Aerozone, **13,** 301; Albany, **09,** 264; **13,** 301; Apothecaries Hall, **09,** 264; Arthur, **09,** 264; **13,** 301; Carleton and Hovey, **09,** 264; Conway and Currier, **09,** 264; Curtis, **09,** 264; Dioxogen, **09,** 264; Earle, **13,** 301; Hull, **09,** 264; Hydrox, **09,** 264; Hydro-Oxide, **13,** 301; Hydrozone, **12,** 184; Lawrence, **09,** 264; Lehn and Fink, **09,** 264; Mallinckrodt, **09,** 264; Marchand, **09,**

Hydrogen dioxide—continued.
264; **12,** 184; Merck, **09,** 264; Murphy, **09,** 264; Nichols and Harris, **13,** 301; Osborn, **09,** 264; Ozo, **09,** 264; Parks, Davis and Co., **09,** 264; Parola, **13,** 301; Per-Man-Eo, **09,** 264; Powers-Weightman-Rosengarten Co., **09,** 264; Pyro-Oxygen, **13,** 301; Rexall, **13,** 301; Schieffelin, **13,** 301; Shartenberg and Robinson, **09,** 264; Squibb, **09,** 264; Thayer, **09,** 264; Washburn, **09,** 264; Williams and Carleton, **09,** 264.
in hair remedies, **14,** 289.
methods, **09,** 265.
standards, **09,** 261.
See also acetanilid and boric acid.
Hydrogen peroxide. See hydrogen dioxide.
Hydro-Oxide. See hydrogen dioxide.
Hydrozone, analysis, **12,** 184.
Hygeia distilled water, analysis, **00,** 213.
Hyper-Samphire, analysis, **01,** 185.
Hypophosphites, in cod liver oil emulsions, **11,** 164.
in cod liver oil wines, **11,** 172; **14,** 319.
in Sargol, **14,** 329.

Ice cream, analyses, **00,** 136; **11,** 137, 195, 211; **12,** 203, 206; **13,** 299, 303; **14,** 333, 336.
brands, Atwood, **11,** 137; Boschen, **11,** 137; Boston Conf. Co., **11,** 137; Chocolate Shop, **11,** 137; Deviveo, **11,** 137; Francis, **00,** 136; Frankel, **11,** 137; Greek-Amer. Ice Cream Co., **11,** 137; Harris-Hart Co., **11,** 137; Hasselbach, **00,** 136; **11,** 137; Hauff, **00,** 136; **11,** 137; Hillman, **00,** 136; **11,** 137; Keyes, **11,** 137; Muti, **11,** 137; New England Dairy Co., **00,** 136; New Haven Candy Kitchen, **11,** 137; New Haven Dairy, **11,** 137; New York Ice Cream Co., **11,** 137; Olympia Candy Co., **11,** 137; Ross, **11,** 137; Rubins, **11,** 137; Semon, **11,** 137; Snow, **00,** 136.
standards, **11,** 136.
See also color.
Ice cream cones, analyses, **10,** 518.
brands, Atwood, Augur, Beany, Brooklyn Cone Co., Cons. Water Co., Corey, Delzarino, Eagle, Howe and Marks, Jaconelli, Kibbe, Marchiony, Nahass, New Haven Dairy Co., Popcorn and Cone Works, **10,** 518.
net weight, **10,** 518.
See also boric acid and color.
Ice cream powders, analyses, **11,** 138; **13,** 286.
brands, Crandallo, Creamthick, Cream-X-Celo, Golden, Gum Powder, **13,** 286; Jell-O, **11,** 138; Magic, National Cream Thickener, Red Seal Purity, Snow, Velvet Special, **13,** 286.
carbohydrates, **13,** 93.
net weight, **12,** 45.
See also gum tragacanth, lichen and sea weed preparations.

Ice cream—continued.
thickeners. See ice cream powders.
Iceline, analysis, **97,** 142.
Ignition, loss on, methods, **00,** 203.
Imperial Granum Food, analysis, **08,** 604.
Indian rock spring water, analysis, **00,** 211.
Infant and invalid foods, analyses, **08,** 604–606; **14,** 336.
methods, **08,** 601.
net weight, **08,** 603.
See also diabetic foods and malted milk.
Instant Headache Remedy. See headache remedies.
Instant Postum, analysis, **13,** 292.
Intensac, analysis, **13,** 80.
Invalid foods. See diabetic and infant foods.
Iodides, methods, **11,** 193.
See also proprietary medicines and sarsaparilla extract.
Iodine, in thyroid preparations, **14,** 263, 264.
See also tincture of iodine.
Iodine No., methods, **96,** 23; **97,** 45; **00,** 142.
See also cocoa butter, camphor liniment, castor oil, chocolate, cocoa, cod liver oil emulsions, Korno products, lard, lard substitutes, olive oil and salad dressing.
Iodine, tincture of, analyses, **08,** 709; **09,** 269; **11,** 181; **13,** 301.
standards, **08,** 707.
Iron, in acetic acid, **12,** 147.
in magnesium carbonate, **12,** 161.
See also beef iron and wine, cod liver oil preparations, proprietary medicines and temperance drinks.
Iron Brew, analyses, **09,** 230.
oxide, on pecan nuts, **14,** 336.
See also abortion medicines, baking powders, cream of tartar and proprietary medicines.
Jamaica ginger. See tincture of ginger.
Jams and preserves, analyses, **98,** 127; **01,** 133, 134; **08,** 585–587; **11,** 160, 161; **12,** 206; **13,** 68, 71; **14,** 333.
methods. See jellies.
net weight, **97,** 112–117; **01,** 125–131; **12,** 142.
See also various fruits, benzoic acid, color, glucose, salicylic acid, acid, starch and sulphurous acid.
Jellies, analyses, **98,** 118; **01,** 133, 134; **08,** 585; **09,** 202; **13,** 68, 69.
methods, **98,** 109; **01,** 128.
net weight, **97,** 112–117; **01,** 125–131; **12,** 142.
See also various fruits, color, glucose, phosphoric acid, salicylic acid and starch.
Jell-O. See ice cream powders and jelly powders.
Jelly beans, analyses, **13,** 275.
powders, analyses, **08,** 583; **09,** 201; **13,** 288.
brands, Bromangelon, **09,** 201; Burnham's Jellycon, **09,** 201; D-Zerta, **09,** 201; Gelvet, **09,** 201; Grandmother's A. and P., **09,** 201; Hoople's **09,** 201; Jell-O, **09,** 201; **13,** 288; Lipton's, **09,** 201; Mohican, **09,** 201; Plymouth Rock, **09,** 201; Royal, **08,** 583; Seeman's, **09,** 201; Tryphosa, **09,** 201; **13,** 288.
net weight, **09,** 201; **12,** 145; **13,** 288.
See also color and flavor.
Johnson's Educator foods. See biscuits, coffee substitutes, crackers, diabetic foods and wheat bran.
Jones ' Grip and Cold Tablets. See Headache remedies.
Just's Dietetic Cereal Food, analysis, **08,** 604.

Kaffeebrod, analysis, **13**, 38.
Kaffir corn, anatomy, **02**, 334.
Kalari foods, analyses, **13**, 28, 34.
Kardene, analysis, **14**, 318.
Kargon Compound, analysis, **12**, 189.
Karo, net weight, **12**, 142.
Kaufmann's Sulphur Bitters. See bitters.
Kellogg's foods. See biscuits, diabetic foods and laxative preparations.
Ketchup, analyses, **97**, 35; **01**, 137–145; **04**, 181; **07**, 129; **09**, 277; **10**, 531–538; **11**, 196.
brands, Adams, **07**, 133; Alart and McGuire, **97**, 35, 37; **01**, 138; Amer. Pickling Co., **10**, 533; Amer. Relish Co., **01**, 138; **04**, 183; Anchor, **01**, 137; Anderson, **10**, 533; Andresen, **04**, 183; **10**, 533; Austin, Nichols and Co., **04**, 183; **10**, 533; Bar Harbor, **97**, 37; **07**, 132; Bay State, **01**, 142; Beckmann, **07**, 130; Beechnut, **10**, 531; Bergen, **97**, 36; **01**, 140; Berwick, **01**, 140, 142; **07**, 130; Birden, **97**, 36; **01**, 138, 140; Bishop, **10**, 533; Blenner, **97**, 36; **01**, 140; **04**, 183; Blue Bell, **07**, 130; Blue Ridge, **04**, 183; Blue Seal, **07**, 133; Boardman, **01**, 140, 142; **04**, 183; **07**, 130; Boeckmann, **97**, 37; Boston, **01**, 140; Bowe, **04**, 183; **10**, 532, 533; Bradley, **01**, 142; Brant, **01**, 138; Brown, **97**, 37; **01**, 140; **04**, 183; **07**, 130; Brownell and Field, **04**, 183; Bryan, Miner and Read, **97**, 36; **01**, 140; Burton and Davis, **04**, 183; Bushnell, **07**, 130; Byrne, **97**, 36; Campbell, **97**, 37; **04**, 183; **07**, 133; **10**, 531; Castle, **04**, 183; Caterer's Spec. Co., **01**, 142; Champion, **01**, 142; Chance, **10**, 532, 533; Climax, **01**, 137; Club House, **01**, 140; Columbia, **04**, 183; **07**, 130; **10**, 531; Connecticut, **01**, 138; Cornell, **10**, 532; Crescent, **01**, 142; **04**, 183; **07**, 130; Cruikshanks, **04**, 184; **10**, 532, 533; Curtice Bros., **97**, 36; **01**, 140; **04**, 184; **07**, 130; **10**, 533; De Groff, **01**, 138; **04**, 184; **07**, 130; **10**, 532; Depew, **07**, 130; Desegaulx, **01**, 137; Dodson Brawn Co., **01**, 140; Doyle, **97**, 36; **01**, 140, 142; **04**, 184; **07**, 131; **10**, 533, 534; Eagle, **97**, 36, **01**, 142; **04**, 184; East Hamburg, **01**, 140; Erie, **01**, 142; Eureka, **97**, 36, 37; Exley, Watkins and Co., **04**, 184; Farnham, **01**, 138; **04**, 184; Finney and Benedict, **01**, 140; Fitzgerald, **04**, 184; **07**, 131; **10**, 532, 534; Flaccus, **97**, 35; **01**, 140; **04**, 184; **10**, 532; Franklin, **97**, 36; Gallup, **10**, 534; Garret Bergen Co. **04**, 184; **07**, 130; Geer, **97**, 36; Great Atl. and Pac. Tea Co., **04**, 184; **07**, 131; **10**, 534; Gulden, **97**, 35; **01**, 137, 142; Hallock, **01**, 138; Hazard, **97**, 35; **01**, 137; **04**, 184; **07**, 129; **10**, 531; Heinz, **97**, 36; **01**, 142; **04**, 184; **07**, 129; **10**, 531; Hills, **01**, 138; **04**, 184; Hirsh, **04**, 184, 185; **07**, 131; **10**, 534; Home, **01**, 137, 140; Horton-Cato, **10**, 534; Hosier, **04**, 185; Hudson, **01**, 142; **07**, 131; Humphrey Cornell Co., **10**, 534; Jersey, **10**, 531; Keystone, **10**, 532; Kibbe, **97**, 36; **01**, 140; **10**, 532; F. H. Leggett, **97**, 36; **10**, 534; W. A. Leggett, **04**, 185; **97**, 131; Lenox, **01**, 138; LeRoy, **10**, 534; Libby, McNeill and Libby, **10**, 535; Little Silver, **01**, 140; Longfield-Bergen Co., **97**, 36; **01**, 140; Longhery, **10**, 534; Loomis, **01**, 142; Loudon, **04**, 185; Lutz and Schramm, **01**, 142; Mansfield, **10**, 535; Mansfield, Witham and Co., **04**, 185;

Ketchup—continued.
07, 131; **10,** 535; Mason, **01,** 140; McMechen, **97,** 36; **07,** 133; **10,** 535; Melrose, **01,** 138; Meyer, **01,** 138, 142; **04,** 185; Miner, Read and Garrette, **10,** 535; Mohican, **04,** 185; **10,** 535; National, **97,** 36; **01,** 137; Ohio Valley, **01,** 138; **10,** 532; Orrell, **10,** 535; Oriole, **01,** 138; Our Diploma, **01,** 138; Pillman, **04,** 185; Powers, **01,** 138; **07,** 131; **10,** 535; Pressing and Orr, **07,** 131; **10,** 535; Pritchard, **01,** 142; **04,** 185; **07,** 131; **10,** 532; Pyle and Tomlinson, **07,** 131; **10,** 432; Rafferty, **01,** 142; Rafferty and Hosier, **07,** 131; **10,** 535; Reliance, **04,** 185; Ritter, **01,** 138; Rivkin, **01,** 138; Saratoga, **07,** 132; Savoy, **01,** 138, 140; **04,** 185; Sayer, **97,** 36; Schoenberg, **01,** 142; **04,** 185; **07,** 131; **10,** 535; Schull, **97,** 36; Shadyside, **04,** 185; Sharp, **97,** 37; **01,** 138, 140; Sherman, **04,** 185; **07,** 131; Sherwood, **01,** 138; Sickel, **07,** 131; Sills, **10,** 535; Skinner and Loudon, **04,** 185; Snider, **97,** 36; **01,** 140; **04,** 186; **10,** 532; Sprague, Warner and Co., **07,** 131; **10,** 536; Squire Dingee Co., **10,** 536; Standard, **97,** 36; **01,** 138, 140, 142; **04,** 186; **07,** 131, 133; **10,** 532, 536; Stoddard, Gilbert & Co., **04,** 186; **07,** 132; **10,** 536; Stoddard, Kimberly and Co., **97,** 36; Stone, **97,** 36; Superior, **97,** 35; Swan and Babcock, **04,** 186; Thompson, **97,** 36; **01,** 142; **04,** 186; Tip Top, **01,** 138; **04,** 186; **07,** 132; Tower, **04,** 186; Treanor, **01,** 137, 140; Trubee, **10,** 536; Turner, **97,** 35; Union Supply Co., **04,** 186; **07,** 132; Van Camp, **97,** 36; **01,** 140; **04,** 186; **07,** 133; **10,** 536; Van Lill, **04,** 186; Village Store, **04,** 186;
Ketchup—continued.
Walker, **04,** 186; Warwick, **11,** 196; Waterbury, **10,** 532; Weller, **07,** 132; **10,** 532; Welch, **01,** 138, 140; West Va. Pres. Co., **97,** 36; **07,** 132; Wienhusen, **10,** 536; Williams, **01,** 137; **10,** 536; Williams Bros., **04,** 186; **07,** 132; **10,** 536; Windsor, **01,** 138; Wise, Smith and Co., **07,** 132; Wooster, **01,** 142; Worcester Spec. Co., **07,** 132; Yellow Label, **10,** 536; Zastrow, **04,** 186; **07,** 133.
methods, **97,** 33; **01,** 137; **10,** 549.
net volume, **97,** 35–37; **01,** 137–145; **04,** 183–185; **10,** 531–536; **12,** 143.
standards, **10,** 521, 547.
See also benzoic acid, color, saccharin and salicylic acid.
Ketchup, celery, analyses, **01** 137.
grape, analyses, **01,** 145.
Kidney medicines, analyses, **12,** 188; **14,** 293.
brands, Doan's Kidney Pills, **14,** 293; Kargon Compound, **12,** 188; Kilmer's Swamp Root, **14,** 294.
See also bitters.
Kilmer's Swamp Root, analysis, **14,** 294.
Kingsbery's Freckle Lotion, analysis, **14,** 300.
Kintho Beauty Cream, analysis, **14,** 301.
Klein's test, **12,** 174.
Klim, analysis, **13,** 293.
K. M. S. Compressed Preserving Powder, analysis, **99,** 148.
Tablets, analysis, **99,** 148.
Kneipp's Malt Coffee, analysis, **98,** 144.
Knorr's Consomme, analysis, **14,** 238.
Kohler's Antidote. See headache remedies.
Kolafra, analysis, **99,** 120, 134; **02,** 214.
Kola wine, analysis, **09,** 260.

Kolox, analyses, **02,** 212; **09,** 230.
Konut, analysis, **01,** 202.
Kopp's Baby's Friend, analysis, **14,** 307.
Korn Kinks. See breakfast foods.
Korno preparations, analyses, **06,**122.
Kosine, analysis, **14,** 327.
Kottstorfer no. See Korno preparations.
Kroy Wen Ointment, analysis, **14,** 302.
Kümmel, analysis, **14,** 334.

Lactated Food, analysis, **08,** 604.
Lactose, methods, **04,** 135; **08,** 601; **09,** 191, 193; **11,** 109; **13,** 95.
See also cheese and milk sugar.
Lard, analyses, **96,** 24–27; **00,** 145–147; **02,** 227; **03,** 150; **09,** 202.
brands, Armington, **00,** 140; Armour, **96,** 27; **00,** 140; **02,** 224; **03,** 152; Austin, Nichols and Co., **00,** 141; Bartram, **96,** 25; Bates, **96,** 26; Constock, **96,** 26; Crocker, **96,** 26; Cudahy, **00,** 139; **02,** 223; Davis, **96,** 25; **00,** 141; Fairbank, **96,** 29; Gardner, and Reynolds, **00,** 141; Hammond, **96,** 26; **02,** 225; Handy, **96,** 27; **00,** 140; Howey, **00,** 141; International, **00,** 139; Kingan, **02,** 223; Lee and Hoyt, **96,** 26; Mason, **96,** 26, 27; McElroy, **96,** 25; Meriden Prov. Co., **96,** 25; Merwin, **96,** 25; **00,** 140; **02,** 225; Morrell, **03,** 151, 152; Morris, **96,** 27; Napheys, **96,** 27; Navy Brand, **00,** 141; North, **96,** 26, 27; **00,** 141; **02,** 223; Omaha, **00,** 140; Plumb and Winton, **96,** 25; **00,** 139; **02,** 223; Providence, **96,** 25; Sperry and Barnes, **96,** 25, 26; **00,** 140; **02,** 224; Springfield, **00,** 140; **02,** 224; Squire, **96,** 27; **02,** 223, 224; Stivers, **00,** 141; Stoddard, Kimberly and Co., **96,** 29; Swift, **96,** 26; **00,** 140; **02,** 223; White, Perry and Dexter, **96,** 25; **00,** 141; Whitford and Bartlett, **96,** 29.
methods, **96,** 23; **00,** 138; **02,** 227.
standards, **03,** 112; **04,** 108.
See also beef stearin, cotton seed oil and mineral oil.
Lard compounds. See lard substitutes.
oil, analysis, **00, 148.**
substitutes, analyses, **96,** 29–31; **00,** 148; **09,** 202.
See beef stearin, Cotosuet, Cottolene, Crisco and Korno products.
Lash's Kidney and Liver Bitters. See bitters.
Laudanum. See tincture of opium.
Law, butter, **96,** 70.
candy, **96,** 75.
foods and drugs, **96,** 70.
general food, **96,** 2; **97,** 9; **98,** 103; **99,** 93; **00,** 107; **01,** 95; **02,** 179.
milk, **96,** 73.
molasses, **96,** 74.
vinegar, **96,** 76.
Laxative biscuits. See bran biscuits and Colax.
Lead, in acetic acid, **12,** 147.
in cow's stomach contents, **12,** 207.
in hair remedies, **14,** 281, 288, 291.
in skin remedies, **14,** 304.
acetate. See abortion medicines, hair and skin remedies.
arsenate, analyses, **11,** 218; **13,** 305; **14,** 337.
Lead no., method, **06,** 130.
See also ginger extract, maple sugar, maple syrup, soda water syrups, vinegar and and Winton no.
Lecithin, method, **04,** 140. See also Cerena and noodles.
Lemonade, analyses, **99,** 137; **02,** 204; **11,** 133. See also claret and orange.
sugar, analysis, **11,** 202.

Lemon extract, analyses, **01,** 164–171; 204; **02,** 207; **05,** 139–143; **06,** 148–150; **07,** 146, 147; **09,** 206–209; **11,** 196; **12,** 203, 206.
brands, American Mills, **01,** 168; Andresen, **09,** 206; Austin, Nichols and Co., **09,** 206; Baker, **01,** 168; **05,** 138; Bennett, Sloan and Co., **01,** 170; Bergquist, **05,** 138; **06,** 148; Boardman, **09,** 206; Brunswick, **01,** 170; Bryan, Miner and Read, **01,** 168; Burnett, **01,** 166; **09,** 206; Carlson, **05,** 138; Casey, **09,** 206; Chester, **05,** 140; Clark, **01,** 168; Clover, **09,** 206; Coe, **01,** 168; Colburn, **09,** 206; Colton, **01,** 166; Cotton, **01,** 168; **05,** 138; **09,** 208; Cranston, **01,** 166; Crawford, **09,** 207; Crescent, **01,** 170; Danbury, **06,** 148; DeGroff, **09,** 206; Dingwall, **09,** 208; Disco, **06,** 149; Doetschmann, **01,** 270; Dow and Hatch, **01,** 168; Doyle, **01,** 170; **05,** 140; **06,** 149; **07,** 147; Durand, **06,** 150; East India Tea Co., **09,** 207; Eureka, **09,** 208; Five and Ten Cent Drug Cabinet Co., **09,** 207; Forest City, **01,** 168, 170; Franklin, **09,** 208; Frederick, **01,** 168; French, **12,** 203; Fuller, **09,** 208; Gibbons, **01,** 168; Globe, **01,** 170; Grand Union Tea Co., **01,** 168; Grant, **01,** 168; Great Atl. and Pac. Tea Co., **01,** 168; Gross, **01,** 179; Harris, **01,**

Lemon extract—continued.
170; **09,** 207; Hart, **05,** 140; Hope, **01,** 168; Horton-Cato, **06,** 148; Howland, **09,** 208, 209; Hoyt, **05,** 140; Hub Grocery, **09,** 207; Imperial, **09,** 206; Jackson, **01,** 168; Johnson, **01,** 168; **05,** 138; Kelty, **05,** 138; Lambert and Lowman, **01,** 168; **05,** 140; **06,** 149; **07,** 145; Lawlor and Dwyer, **09,** 207; Lee and Osgood, **05,** 138; Leggett, **06,** 150; Liberty, **01,** 170; Lion, **01,** 170; Markle, **01,** 168; **05,** 138; McGuire, **09,** 207; McKahan, **01,** 168; McKee, **09,** 209; McMonagle and Rogers, **01,** 168; **02,** 207; **05,** 138; **09,** 206; Miller, **01,** 166, 170; Miner, Read and Garrette, **07,** 147; Mohican, **06,** 149; **07,** 147; **09,** 206; New England Tea Co., **05,** 138; **06,** 149; New Haven, **01,** 170; **09,** 207; N. Y. and China Tea Co., **01,** 170; N. Y. Extract Co., **01,** 170; Nichols and Harris, **01,** 166; Oakdale, **09,** 209; Old Dominion, **06,** 148; Patterson-Cabell Co., **09,** 209; Perfect, **05,** 138; Pierce, **06,** 149; Polk and Calder, **12,** 203; Powers, **01,** 170; **05,** 140; Price, **01,** 166; Puritan, **09,** 207; Queen City, **06,** 148; Rallion, **01,** 166; Robertson, **01,** 168; Robinson, **07,** 147; Sadd, **06,** 150; **07,** 145; **09,** 206; Sage, **01,** 170,

Lemon extract—continued.
05, 140; Sauer, **01,** 166; **09,** 206; Schlotterbeck and Foss, **09,** 206, 207; Searle, **01,** 168; Seeman, **01,** 170; Sherman, **01,** 170; Slater, **05,** 138; Snyder, **01,** 170; Star, **05,** 138; **06,** 149; **07,** 147; Sterling, **09,** 208, 209; St. John's, **01,** 170; **09,** 209; Stuart, **05,** 138; Supreme, **09,** 209; Talcott, **01,** 168; **05,** 140; Taylor, **01,** 170; **06,** 149; Thompson, **01,** 168; **05,** 138; Tower, **01,** 170; **05,** 138; Trumbull, **01,** 168; **05,** 138; Union, **01,** 168; **09,** 207; Union Pacific Tea Co., **05,** 138; **06,** 148; **07,** 145; Union Tea Co., **05,** 138; Van Dyk, **09,** 207; Victor, **05,** 138; Walsh, **01,** 168; **05,** 138; Welch, **01,** 170; **05,** 138; Williams and Carleton, **01,** 166; **09,** 206; Wise, Smith and Co., **05,** 138; Worth, **09,** 206.
methods, **01,** 172–174.
net volume, **01,** 167–171; **05,** 139–143; **06,** 148–150; **09,** 206–209.
standards, **01,** 163; **09,** 203.
terpeneless. See lemon extracts.
See also color, glycerine, turmeric and wood alcohol.
Lemon oil, methods, **01,** 173.
Lemos, analysis, **11,** 133.
Lentils flour, analysis, **13,** 20.
Levulose chocolate, analysis, **13,** 71, 285.
Ley's test, **12,** 117.
Lichen preparations, in ice cream powders, **13,** 286.
Licorice lozengers, analysis, **13,** 278.
Lime, in asafetida, **12,** 151.
in magnesium carbonate, **12,** 161.
in precipitated sulphur, **12,** 171.
methods, **98,** 186; **00,** 178; **12,** 165.
See also cod liver oil wines, cream, cream of tartar, ginger, gypsum, ice cream powders, magnesium citrate, milk sugar and table salt.
Lime drops, analyses, **13,** 279.
Lime juice, analyses, **99,** 128, 136; **02,** 206, 208; **11,** 130, 131.
brands, Banner, **11,** 131; Bentley, **02,** 208; Imperial, **11,** 130; Montego, **99,** 128; **02,** 208; Plummer, **11,** 130; Porto Rico, **02,** 206; Rose, **11,** 131; Rowat, **11,** 131; Stone, **11,** 130; Victor, **11,** 131.
See also benzoic acid, sulphurous acid and water.
Lime, sucrate of, in cream, **08,** 713; **09,** 272, 277; **11,** 128, 210; **13,** 299, 302.
Lime water, analyses, **09,** 270; **11,** 181.
standards, **09,** 270.
Linimentum Camphorae. See camphor liniment.
Linseed hulls, in black pepper, **01,** 191.
meal, analysis, **98,** 210.
oil, analyses, **10,** 579.
in camphor liniment, **09,** 245.
soap, analysis, **13,** 306.
Liquid Arvon, analysis, **14,** 286.
Liquocide, analysis, **14,** 264.
Liquor Calcis. See lime water.
Formaldehydi. See formaldehyde.
Potassii Arsenitis. See Fowler's solution.
Liquozone. See Liquocide.
Lithium citrate. See Thialion.
Litonbrot. See diabetic foods.

Live Oak spring water, analysis, **00,** 211.
Liver pills, analyses, **14,** 292.
Luft bread, analyses, **13,** 28–32, 70, 285; **14,** 244-246.
Lupulin in soothing syrups, **14,** 307.
Luxor, analysis, **14,** 302.
Luxuriant Hair Tonic and Grower, analysis, **14,** 286.

Macaroni, analyses, **01,** 199; **06,** 165; **10,** 550; **12,** 112; **13,** 36, 71; **14,** 244.
brands, Brusson, **10,** 549; **12,** 112; **13,** 36; Calvé, **01,** 199; Campagnia Italiana, **01,** 199; Castle, **01,** 199; Chevalier, **01,** 199; Cordon Rouge, **01,** 199; Crown, **01,** 199; Daniels, Cornell and Co., **01,** 199; Dieto, **14,** 244; Domenico Camina, **01,** 199; Franco Russe, **01,** 199; Gum Gluten, **06,** 165; **13,** 36; Hotaling Warner Co., **01,** 199; Hoyt, **06,** 165; **13,** 36; Jireh, **13,** 36; La Armor Brandi, **01,** 199; La Rosa, **01,** 199; Marca L'Aquila, **01,** 199; Margerie, **01,** 199; Marin, **01,** 199; Marvelli, **01,** 199; **13,** 36; Mueller, **01,** 199; Pfaffmann, **01,** 199; Pinto, **01,** 199; Rivals and Audibert, **01,** 199; Rodier, **01,** 199; Scaramelli, **01,** 199; Sceau d'Or, **01,** 199; Sonnette, **01,** 199; Zerega, **01,** 199.
methods, **01,** 197.
net weight, **12,** 143; **13,** 36.
See also gluten.
Macaroons, analyses, **13,** 28, 32; **14,** 246.
Mace, analyses, **98,** 211; **99,** 103; **00,** 157; **10,** 578; **11,** 196.
brands, Burns, **00,** 156.
standards, **03,** 119; **04,** 114.
Mace, Bombay, analyses, **98,** 210; **11,** 196.
in mace, **00,** 156; **11,** 196.
Madia seed, anatomy, **03,** 190.
Magic Ice Cream Powder. See ice cream powders.
Magnesia, in syrup of figs, **12,** 155.
methods, **12,** 165.
See also cream of tartar, magnesium citrate and table salt.
Magnesium carbonate, analyses, **12,** 161.
brands, Keasbey and Mattison Co., Lehn and Fink, Schieffelin, Washington Chem. Co., **12,** 161.
in table salt, **08,** 597.
net weight, **12,** 161.
standards, **12,** 159.
chloride, in table salt, **08,** 597.
citrate, solution of, analyses, **12,** 162–164, 205.
methods, **12,** 165.
standards, **12,** 160.
oxide. See magnesia, magnesium carbonate, magnesium citrate and proprietary medicines.
sulphate, in skin remedies, **14,** 298, 305–307. See also Epsom salts.
Maize. See corn.
cob, anatomy, **00,** 186.
Malt Carbonic, analysis, **12,** 207.
Malted milk. See milk.
Malted nuts, analyses, **13,** 36.
Malt extract, analyses, **02,** 255; **06,** 152; **14,** 254.
brands, A. D. S., Ballantine, Berkshire, Dunn, Gold Rock, Harriman, Harris, J. Hoff, L. Hoff, Jaynes, King, Liebig, Long Is. Bottling Co., Maltine, Pabst, Pioneer, Quebec, Trommer, Wampole, Wyeth, **14,** 254.
See also alcohol, amylolytic power, dextrin, glycerine and maltose.
Maltine, analysis, **14,** 254.
with Coca Wine, analysis, **09,** 259.

Malt liquors, methods, **98,** 153. See also ale, beer and malt extract.
Maltose. See Sanitas Meltose and malt extracts.
Malt Stout, analysis, **14,** 254.
Malt tonics. See malt extracts.
Mamma-la, analysis, **14,** 336.
Manana. See breakfast foods.
Manganese. See cod liver oil wines.
Manhattan Worm Syrup. See worm syrups.
Manit-chocolate, analysis, **13,** 285.
Maple sugar, analyses, **96,** 12; **06,** 131; **11,** 211.
brands, Clark, Chapin and Bushnell, **96,** 12; Hildreth and Segelken, **96,** 12; Joslyn, **96,** 12; Lamb, **96,** 12.
methods, **96,** 7.
See also cane sugar.
Maple syrup, analyses, **96,** 9; **97,** 38; **06,** 131–135; **07,** 149; **09,** 211, 212, 214.
brands, F. P. Adams, **06,** 11; S. S. Adams, **06,** 132; Austin, Nichols and Co., **96,** 10; **06,** 132; **07,** 150; **09,** 211, 212; Ayer Pres. Co., **06,** 134; Barker, **96,** 10; **07,** 148; Bay State, **09,** 212; Boyle and Williams, **09,** 212; Brownell and Field, **06,** 134; Bryan, Miner and Reed, **96,** 11; Butler, **96,** 11; Clark, Chapin and Bushnell, **96,** 9; **09,** 211; Clifton, **06,** 132; Crystal, **96,** 10; **07,** 148; Dewell, **06,** 134; Falcon, **09,** 212; Fear, **09,** 212; Fitzgerald, **96,** 10, 11; **06,** 132, 134; **09,** 212; Fournier and Schiller, **96,** 11; Geer, **96,** 9, 10; Gloyd, **96,** 11; Great Atl. and Pac. Tea Co., **09,** 211; Green, **96,** 11; Green Mountain, **96,** 10;
Maple syrup—continued.
Hallett, **06,** 132; **07,** 148; **09,** 212; Hartford Pres. Works, **06,** 132; Hazen, **96,** 9; Hildreth and Segelken, **96,** 9, 10; **97,** 38; Hotchkiss, **96,** 10; Houghton, **96,** 9; Hudson, **96,** 11; **06,** 132; **07,** 148; Huntington, **98,** 160; **06,** 130, 132; **07,** 148, 150; **09,** 212; Irving, **96,** 9; Jones, **96,** 11; Joslyn, **96,** 10; Kibbe, **06,** 134; Lamb, **96,** 10, 11; **06,** 132; **09,** 211, 212; Leggett, F. H., **96,** 10; **09,** 211, 212; Leggett, W. A., **06,** 132; Leonard, **96,** 9; Leslie, Dunham and Co., **96,** 9; **06,** 132; Mansfield, Witham and Co., **06,** 134; **07,** 148; Markle, **06,** 134; **09,** 212; Miner, Read and Garrette, **06,** 134; **07,** 148; Moosehead, **06,** 134; Moseley, **96,** 11; Mullen and St. Onge, **07,** 148, N. H. Maple Syrup Co., **06,** 134; **07,** 148; **09,** 212; Newton, Robertson and Co., **06,** 130; Nonquit. See Hallett; Powers, **06,** 132; **07,** 148; Pratt, **96,** 10; Reed, **96,** 11; Rigney, **06,** 132, 134; **07,** 148; Royal, **06,** 134; Schoenberg, **09,** 212; Seymour, **06,** 134; Simpson Spring Co., **06,** 134; **07,** 148, 150; Sprague, Warner and Co., **07,** 150; Steele, **96,** 9; Stoddard, Gilbert and Co., **98,** 160; **09,** 211; Stoddard, Kimberly and Co., **96,** 10; Superb, **96,** 10; Thompson, **96,** 9, 11; Thompson and Cromack, **96,** 10;

Maple syrup—continued.
Tice, **06,** 134; **07,** 148; Trubee, **96,** 9; Vermont Farmers Co., **97,** 38; **07,** 150; Vermont Maple Sugar Co., **96,** 9; Vermont Maple S. and S. Co., **98,** 160; **07,** 148; **09,** 211, 212; Vermont Maple Syrup Co., **06,** 132, 134; **07,** 148; **09,** 212; Waltemade, **09,** 212; Welch, **96,** 10; **06,** 132; **07,** 148; Welch Bros., **96,** 9; **97,** 38; **06,** 130; **07,** 150; **09,** 211; Wieler, **06,** 134; Williams, **07,** 151; Worth, **96,** 10.
methods, **96,** 7; **06,** 130.
net weight, **06,** 131–135; **12,** 142.
standards, **09,** 210.
See also cane sugar and glucose.
Mapl Flake. See breakfast foods.
Marmalade. See jam.
Marmola, analysis, **14,** 263.
Marrowfood, analysis, **11,** 133.
Marshall's Aromatic Catarrh Snuff. See catarrh powders.
Marshmallows, analyses, **13,** 270. See also gelatine.
Martius yellow, method, **96,** 45.
Massacoe spring water, analysis, **00,** 211.
May-A-Tone, analysis, **14,** 302.
Mayr's Wonderful Stomach Remedy, analysis, **14,** 312.
Mayrhofer method, **09,** 228; **12,** 123.
Sacchse method, **12,** 123.
McCorrison's Famous Diamond Lotion, analysis, **14,** 303.
Meals. See various flours and nuts.
Meat bases. See meat extracts and meat preparations.
Meat capsules, analyses, **09,** 660; **11,** 162; **14,** 238.
brands, Anker, **08,** 660; Armour, **08,** 660; Knorr, **14,** 238; Mason, **08,** 660; Oxo, **14,** 238; Steero, **11,** 162.
net weight, **08,** 661; **14,** 238.
Meat extracts, analyses, **08,** 606–651.
bibliography, **08,** 664.
brands, Amer. and Cont. Extract Co., **08,** 616; A. D. S., **08,** 616; Armour, **08,** 616, 641; Asparox, **08,** 641; Bovox, **08,** 641; Bovril, **08,** 641; Cibils, **08,** 641; Cudahy, **08,** 616, 641; Great Atl. and Pac. Tea Co., **08,** 616; Ingram., **08,** 616; Liebig, **08,** 616; Maggi, **08,** 641; Malto-Meat, **08,** 616; Melbourne Trad. Co., **08,** 616; Morris, **08,** 641; Mosquera, **08,** 616, 641; Murray, **08,** 641; New York Beef Extract Co., **08,** 616; Patch, **08,** 616; Patterson-Cabell Co., **08,** 616; Pilgard, **08,** 616; Pioneer, **08,** 616; Sinuox, **08,** 641; Southwick, **08,** 616; Swift, **08,** 616; Vigoral, **08,** 616; Williams, **08,** 616.
methods, **08,** 611–614.
net weight, **08,** 617, 641.
standards, **08,** 610.
See also potassium nitrate, salicylic acid and salt.
Meat juice, analyses, **08,** 652, 653.
brands, Bovinine, **08,** 652; Mason, **08,** 652; Valentine, **08,** 652; Wyeth, **08,** 652.
net weight, **08,** 641.
standards, **08,** 610, 653.
See also alcohol.
Meat powders, analyses, **08,** 660.
brands, Beef Peptonoids, **08,** 660; Mosquera Beef Meal, **08,** 660; Somatose, **08,** 660.
net weight, **08,** 661.

Meat preparations, proprietary, analyses, **08,** 542; **14,** 318.
brands, Colden's Liquid Beef, **08,** 652; Liquid Peptonoids, **08,** 652; Mulford's Predigested Beef, **08,** 652, Murdock's Liquid Food, **08,** 652; Panopepton, **08,** 652; Pepto-Mangan, "Gude," **08,** 652; Tona Vita, **14,** 318; Vinol, **14,** 318.
See also alcohol and beef, wine and iron.
Meats, carbohydrates, **13,** 86.
standards, **03,** 112; **04,** 108.
Mellins Infant Food, analysis, **08,** 604.
Melting point. See chocolate, confectionery and Korno products.
Meltose, analysis, **11,** 161; **13,** 38.
Menthol. See proprietary medicines.
Snuff, analysis, **09,** 251.
Mercolized Wax, analysis, **14,** 303.
Mercuric chloride, in cod liver oil emulsion, **14,** 337.
in skin remedies, **14,** 299, 300, 302, 304, 305.
Mercurous chloride. See calomel and Gouraud's Oriental Cream.
Mercury, ammoniated, in skin remedies, **14,** 301, 303, 304.
Metals, heavy, methods, **10,** 492.
Metcalf's Coca Wine, **09,** 259.
Mica spring water, analysis, **00,** 211.
Micro-polariscope, **00,** 195.
Microscope methods, **96,** 34, 53; **97,** 31.
Midolia Biscuits. See diabetic foods (Van Abbott).
Mignonettes au Gluten. See diabetic foods (Charrasse).
Migrain tablets. See headache remedies.
Milk, analyses, **96,** 63; **97,** 55–59; **98,** 161, 162; **99,** 157; **00,** 128–134; **01,** 107–118; **02,** 187–195; **04,** 125–133; **05,** 111–115; **06,** 113–120; **07,** 162; **08,** 712, 713; **09,** 182, 277; **10,** 578, 579; **11,** 139–145, 196, 210; **12,** 203, 205; **13,** 299; **14,** 333, 335.
methods, **00,** 126; **01,** 105.
standards, **03,** 112; **04,** 108.
See also boric acid, color, formaldehyde and water.
Milk albumen, analysis, **14,** 335.
Milk, condensed, sweetened, analyses, **04,** 137; **05,** 116; **09,** 179.
brands, Allen-Ditchett, **04,** 136; Anchor, **04,** 136; Andresen's, **04,** 136; Apple Blossom, **04,** 136; Arrow, **04,** 136; Baby, **04,** 136; **09,** 178; Blue Bell, **04,** 136; Challenge, **04,** 136; **09,** 178; Champlain, **09,** 178; Dairy, **09,** 178; Daisy, **04,** 136; **09,** 178; Defiance, **04,** 136; **09,** 178; Dirigo, **04,** 136; Dr. Hand's, **04,** 136; **09,** 178; Eagle,

Milk, condensed, sweetened—cont.
04, 136; **09,** 178; Emery, **09,** 178; Empire State, **04,** 136; Full Weight, **09,** 178; Gilead, **09,** 178; Gilt Edge, **04** ,136; Grandmother's A. and P., **04,** 136; **09,** 178; Magnolia, **04,** 136; **09,** 178; Nestle's, **04,** 136; O. K., **04,** 136; Peninsular, **04,** 136; Pine Tree, **09,** 178; Pride of Wayne, **09,** 178;Red Line, **04,** 136; Regal, **04,** 136; Ruby, **09,**178; Silver Chord, **09,** 178;.Stag, **04,** 136; Star, **09,** 178;Sweet Clover, **04,** 136; **09,** 178; Thistle, **09,** 178; Tip Top, **04,** 136; **09,** 178; Upper Ten, **04,** 136; Valley Farm, **04,** 136; Vermont, **09,** 178; Winner, **04,** 136.
composition of mixtures for general use, **09,** 189.
composition of mixtures for infant feeding, **09,** 189.
methods, **04,**134; **09,** 191–194.
net weight, **04,** 137; **09,** 178.
standards, **03,** 113; **04,** 109; **09,** 179.

Milk, condensed, unsweetened, analyses, **05,** 117; **06,** 123; **09,** 181; **10,** 578; **11,** 200.
brands, A. and P., **09,** 181; Blue Label, **09,** 181; Gilt Edge, **06,** 122; Gold, **06,** 122; Highland, **06,** 122; **09,** 181; Hylac, **09,** 181; Libby's, **09,** 181; Our Pet, **09,** 181; Peerless, **05,** 117; **06,** 122; **09,** 181; Silver Cow, **06,** 122; **09,** 181; St. Charles, **06,** 122; **09,** 181; Top Notch, **05,** 117; **06,** 122; Van Camp's, **05,** 117; **06,** 122; **09,** 181; **10,** 578; **11,** 200; Wilson's, **09,** 181.
composition of mixtures for general use, **09,** 189.
composition of mixtures for infant feeding, **09,** 189.

Milk, condensed, unsweetened—cont.
methods, **04,** 134; **09,** 191–194.
net weight, **06,** 123; **09,** 180; **12,** 143.
standards, **03,** 114; **04,** 109; **09,** 179.
Milk, human, analyses, **09,** 190; **13,** 302; **14,** 335.
malted, analyses, **08,** 604.
brands, Borden's **08,** 604; Meadow's, **08,** 604; Horlick's, **08,** 604.
powder, analyses, **00,** 198; **09,** 238; **13,** 293; **14,** 335.
brands, Klim, **13,** 293; Ovine, **00,** 198; Trumilk, **09,** 238.
skim, analyses, **99,** 157; **00,** 136; **07,** 162; **12,** 203, 205; **13,** 299; **14,** 335.
condensed, analyses, **12,** 205.
net weight, **12,** 143.
standards, **03,** 113; **04,** 109.
sugar, analyses, **10,** 577.
standards, **10,** 577.
See also Albulac, chocolate, cocoa, condensed milk, infant and invalid foods, lactose and milk powders.
sugar-free, analyses, **13,** 38, 70.
brands, Bouma, **13,** 38; Görtner, **13,** 70; Lindheiner; **13,** 70; Rose, **13,** 38; Whiting, **13,** 38.
Milo maize, white, anatomy, **02,** 334. yellow, anatomy, **02,** 335.
Mince meat, analyses, **98,** 165; **10,** 520.
brands, Acker, Merrall and Condit, **10,** 520; Acme, **10,** 520; Armour, **98,** 165; **10,** 520; Atmore, **10,** 520;
Mince meat—continued.
Brownell and Field, **10,** 520; DeGroff, **98,** 165; **10,** 520; Dougherty, **98,** 165; Great Atl. and Pac. Tea Co., **10,** 520; Gutchess, **98,** 165; **10,** 520; Harrison, **98,** 165; Heinz, **10,** 520; Hudson, **98,** 165; Humphrey-Cornell, **10,** 520; Libby's **98,** 165; **10,** 520; Merrell-Soule, **98,** 165; **10,** 520; Mohican, **10,** 520; Oneida Community, **10,** 520; Whipple, **10,** 520.
carbohydrates, **13,** 93.
net weight, **10,** 520; **12,** 145.
standards, **10,** 519.
See also benzoic acid and sulphurous acid.
Mineral oil, detection, **12,** 174.
in camphor liniment, **09,** 245.
in Ely's Cream Balm, **12,** 192.
in lard, **00,** 148.
in Para-Lax, **14,** 316.
in turpentine, **12,** 182; **13,** 302; **14,** 335.
See also liquid paraffin.
Miona, analysis, **14,** 315.
Mint syrup, analyses, **99,** 117, 120, 134; **02,** 202; **09,** 230.
Minyol. See Plain Yellow Minyol.
Mohegan spring water, analysis, **00,** 211.
Moisture, methods, **98,** 109, 131, 186; **01,** 128; **02,** 273; **03,** 130; **08,** 611.
See also water.

Molasses, analyses, **97,** 62; **98,** 221; **99,** 158; **00,** 217; **01,** 206; **03,** 155, 156; **04,** 189; **05,** 142; **06,** 129; **07,** 162; **11,** 211; **12,** 294; **14,** 333.
in ginger extract, **10,** 501.
methods, **97,** 61; **98,** 220; **99,** 158; **00,** 217; **01,** 206.
net weight, **12,** 142.
standards, **03,** 115; **04,** 111.
See also glucose.
Molasses kisses, analyses, **13,** 275.
Morphine, methods, **12,** 166, 168.
in Cubanos, **12,** 193.
in soothing syrups, **14,** 307.
See also laudanum, opium and paregoric.
Moselle wine, analyses, **13,** 72.
Mosquera Beef Meal. See meat powders.
Fluid Beef Jelly. See meat extracts.
Mottoes, candy, analyses, **13,** 273.
Moxie, analyses, **99,** 124, 137; **09,** 230.
Nerve Food. See Moxie.
M Preservaline, analysis, **97,** 144.
Mt. Orient spring water, analysis, **00,** 213.
Mulberry cordial. See Ratafia de Mures.
Mulford's Pre-Digested Beef. See meat preparations.
Mum, analysis, **14,** 279.
Munyon's Catarrh Tablets, analysis, **14,** 277.
Paw Paw Pills, analysis, **14,** 314.
Murdock's Liquid Food. See meat preparations.
Mushrooms, net weight, **12,** 140.
Mustard, analyses, **96,** 46–48; **98,** 169; **01,** 189, 192; **05,** 124; **06,** 141, 142; **07,** 156.
brands, Alert, **96,** 48; Auco, **98,** 168; Augur, **96,** 48; **98,** 168; Bailey, **98,** 168; Battey, **96,** 47; Beard, J. H., **96,** 47; Beard, S. S., **05,** 124; **06,** 141; Bennett, Simpson and Peek, **98,** 168;
Mustard—continued.
Bennett, Sloan and Co., **96,** 47; Blanchard, **96,** 47; Boardman, **96,** 47; Born, **98,** 168; Bushnell, **98,** 168; Butler, **98,** 168; Colburn, **96,** 48; **98,** 168; Cole and Firth, **96,** 48; Colman, **96,** 48; **98,** 168; Daniels, Cornell and Co., **98,** 168; Dean, **98,** 168; Durkee, **96,** 47; **98,** 168; Farrington, **98,** 168; Gillies, **98,** 168; Grand Union Tea Co., **96,** 47; Hills, **96,** 48; **98,** 168; Howard, **96,** 47; Keene, **96,** 48; **98,** 168; Leggett, **98,** 168; Lincoln, Seyms and Co., **96,** 48; **98,** 168; Mansfield, **96,** 47; Pyle and Tomlinson, **07,** 157; Rivkin, **06,** 142; Scheuer, **07,** 157; Slade, **96,** 46; **98,** 168; **07,** 157; Standard, **06,** 141; Stickney and Poor, **98,** 168; **07,** 157; Stoddard, Gilbert and Co., **98,** 168; Sultana, **96,** 48; **98,** 168; Union Spice Co., **96,** 47; **98,** 168; Upson, **98,** 168; Welch, **98,** 168.
methods, **96,** 45.
standards, **03,** 120; **04,** 114.
See also cassava starch, color, corn, gypsum, rice, sand, starch, turmeric and wheat.
Mustard flour, in Fungicide, **01,** 184.
Mustard hulls, in cinnamon, **01,** 193.
in ginger, **98,** 149.
in pepper, **97,** 20; **98,** 173.
Mustard, prepared, analyses, **04,** 179; **05,** 129, 130.
brands, Alartie, **05,** 128; Amer. Pres. Co., **04,** 178; Blenner, **05,** 128; Campbell, **05,** 127; Charbonneau, **05,** 127; Cruikshanks, **04,** 178; Doyle, **05,** 128; Eagle, **04,** 178; **05,** 127; Eulert, **04,** 178; **05,** 128; Excelsior, **04,** 178; **05,** 128; Exley, Watkins and Co., **04,** 178; Flac-

Mustard, prepared—continued.
cus, **05,** 128; Gould, **04,** 178; **05,** 127, 128; Gulden, **05,** 127; Heinz, **04,** 178; **05,** 128; Huntington, **04,** 178; Israels, **05,** 128; Janin, **05,** 127; Kidwell, **05,** 128; Lawton, **05,** 128; Leggett, **05,** 127; LeRoy, **05,** 128; Lutz and Schramm, **04,** 178; McMechen, **05,** 127; Recamier, **05,** 128; Ritter, **05,** 127; Robinson, **05,** 128; Tice-Marsters, **05,** 127; Voss, **04,** 178; **05,** 128; Williams, **04,** 178; Wolff and Reessing, **04,** 178.
See also benzoic acid, color, salicylic acid and starch.
Mustard seed, in wheat screenings, **02,** 341.
Myrrh, Balsam of. See Hanford.

National Cream Thickener. See ice cream powders.
Neapolitan Phosphate, analyses, **99,** 119, 134.
Nestle's Food, analysis, **08,** 604.
New Era Improved Hygienic Coffee, **96,** 61.
Newfield spring water, analysis, **00,** 211.
Nickletone, analysis, **02,** 201.
Niger seed, anatomy, **03,** 193.
Niter, sweet spirit of. See nitrous ether.
Nitrates, methods, **00,** 203; **08,** 633.
See also nitric acid and table waters.
Nitrites. See nitrous acid and table waters.
Nitrobenzol, in almond extract, **10,** 487.
Nitrogen, methods, **98,** 190; **08,** 612, 685.
Nitrogen—continued.
amido, methods, **08,** 612. See also meat extracts and meat preparations.
ammonia. See beef, wine and iron, cough medicines, meat extracts and meat preparations.
coagulable, methods, **08,** 611. See also gelatin, meat extracts and meat preparations.
insoluble, methods, **08,** 611. See also gelatin, meat extracts and meat preparations.
meat base, methods, **08,** 612. See also meat extracts and meat preparations.
ppt. by tannin-salt, methods, **08,** 612. See also meat extracts and meat preparations.
ppt. by zinc sulphate, methods, **08,** 612. See also gelatin, jellies, jelly powders, meat extracts and meat preparations.
proteose, methods, **08,** 612. See also meat extracts and meat preparations.
syntonin, methods, **08,** 611.
See also beef, wine and iron, Bombay mace, buckwheat hulls, bouillon, cassia buds, chocolate, clove stems, cocoa, cocoa shells, coffee, confectionery, cream of tartar, cubebs, date stones, diabetic foods, fruit puddine, gelatin, gluten products, ice cream powders, jams, jellies, jelly powders, linseed meal, meat extracts, meat preparations, noodles, various nut shells, pepper shells, pie preparations, protein, red sandalwood, Sanatogen, sawdust, various spices and tomato soup.
Nitrogen-free extract. See alfalfa bread, banana flour, bindweed, biscuits, bread, breakfast foods, canned corn peas and pumpkin, chocolate, cocoa, crackers, Dehydro foods, diabetic foods, foxtail, gluten products, infant and

Nitrogen-free extract—continued.
invalid foods, ice cream cones, laxative preparations, macaroni, noodles, prepared mustard, sorghum seed, spaghetti, tomatoes, tomato soup, Tri-Krema, vermicelli, wheat bran and wheat screenings.
Nitrous ether, spirit of. See ether.
Non-alcoholic beverages, carbohydrates, **13,** 93. See also carbonated drinks.
Noodles, analyses, **01,** 202, 203; **04,** 138, 141, 143; **10,** 550; **11,** 135; **12,** 112; **13,** 36, 71; **14,** 246.
brands, Anger, **01,** 200; **04,** 142; Austin, Nichols and Co., **01,** 202; Bremen, **01,** 200, 202; Brusson, **10,** 550; **12,** 112; **13,** 36; Deforth, **01,** 202; French Delicacy Co., **01,** 202; Hoyt's Gum Gluten, **11,** 135; **12,** 112; **13,** 36; **14,** 246; Loeb, **13,** 36; Maas, **04,** 142; Mueller, **01,** 202; **04,** 142; Pfaffmann, **01,** 202; Phila. Noodle Co., **01,** 202; Rademann, **13,** 72; Regensburger, **04,** 142; Seeman, **01,** 202.
methods, **01,** 197; **04,** 139.
net weight, **12,** 143.
See also color and turmeric.
Notkin's Worm Syrup. See worm syrups.
Nurito, analysis, **14,** 329.
Nut Bromose, analysis, **13,** 38.
butter, analysis, **06,** 159; **13,** 36, 38. See also almond paste and peanut butter.
chocolate, analyses, **13,** 285; **14,** 244.
Nutcysa, analysis, **13,** 38.
Nutfoda, analysis, **13,** 38.
Nut meal, analyses, **06,** 157.
Nutmeg, analyses, **98,** 183, 209; **99,** 103.
brands, Bennett, Simpson and Co., **98,** 182; Farrington, **98,** Hills, **98,** 182; Montanye, **98,** 182; Slade, **98,** 182.
standards, **03,** 120; **04,** 114.
Nut oil, analysis, **05,** 120. See also cotton seed oil.
Nuts, carbohydrates, **13,** 93.
See also iron oxide.
Nut shells, in black pepper, **97,** 20; **02,** 243; **06,** 139.
in cayenne, **02,** 244.
in cloves, **02,** 245.
See also various nuts.
Nuttolene, analyses, **06,** 159; **13,** 38.
Nux vomica, tincture of, analysis, **14,** 335.
Nyal's Fig syrup, analysis, **12,** 154.
Hirsutone, analysis, **14,** 287.
Iron Tonic Bitters, analysis, **14,** 272.
Soothing syrup, analysis, **14,** 308.
Spring Sarsaparilla, analysis, **11,** 190.
Worm Syrup, analysis, **14,** 325.

Oakite, analysis, **10,** 580.
Oat flakes. See breakfast foods.
flour, in buckwheat flour, **07,** 128.
meal, standards, **04,** 110; **09,** 169.
See also breakfast foods.
biscuits, analyses, **14,** 232.
brands, Battle Creek, **14,** 232; Johnson, **14,** 232; National Biscuit Co., **14,** 232; Sunshine, **14,** 232.
Oats seed, in wheat screenings, **02,** 341.
Oil, almond. See almond extract.
castor, analyses, **09,** 248.
cod liver, analyses, **09,** 252–257.
corn, analysis, **05,** 121.
cotton seed, in corn oil, **05,** 121.
in lard, **00,** 138; **02,** 222; **03,** 149; **05,** 118; **06,** 125; **07,** 143, 163; **09,** 202.
in nut oil, **05,** 120.
in olive oil, **97,** 51; **00,** 152; **05,** 119; **06,** 125; **07,** 151; **10,** 572; **12,** 204; **14,** 333, 335.
methods, **96,** 23; **97,** 45; **00,** 142, 143.

Oil—continued.
olive, analyses, **97,** 48–52; **00,** 154; **04,** 188; **05,** 119; **06,** 125; **09,** 215, 216; **10,** 551, 571, 572; **11,** 212; **14,** 333, 335.
brands, Amorosi and Scopsi, **97,** 49; Anooil, Courbin and Co., **97,** 49; Antonini, **97,** 48; **00,** 151; Armorelli, **09,** 215; Artand, **97,** 48; **00,** 151; Austin, Nichols and Co., **97,** 48; Baldocchi, **97,** 49; Barton and Guestier, **97,** 48; **00,** 150; **09,** 215; Beaumarchand, **97,** 49; **00,** 150; **09,** 215; Benefit, **10,** 572; Berio, **00,** 150; **09,** 215; Bertrand, **97,** 49; **09,** 215; Blumers, **09,** 215; Boutellau, **97,** 48; Bou, **09,** 215; Brillat, **00,** 151; Bryan, Miner and Read, **00,** 150; Bushnell, **09,** 215; Calve, **00,** 151; Caron, **09,** 215; Cartoux, **97,** 51; **00,** 152; Castle, **00,** 151; **09,** 215; Chambon, **00,** 150; Chapman, **97,** 48; **00,** 150; Chapnelle, **00,** 151; **09,** 215; Clark, Chapin and Bushnell, **97,** 49; **00,** 150; Cochrane, **09,** 215; Dacosini, **97,** 51; **00,** 152; Daskam, **00,** 151; Delice, **09,** 215; DePossel, **09,** 215; Dufour, **97,** 51; Dupont, **00,** 150; Falcon, **09,** 215; Ferrari, **00,** 152; Ferrier, **09,** 215; Ferris, **00,** 151; Fontenelle, **97,** 48; **00,** 150; Fourche, **97,** 48; Gaillard, **10,** 571; Gilbert, **09,** 215; Gobelin, **97,** 49; **00,** 150; Godillot, **97,** 49; **00,** 150; Great Atl. and Pac. Tea Co., **09,** 215; Guilhon, **09,** 216; Guiraud, **09,** 216; Hall, **00,** 152; **09,** 216; Heinz, **09,** 216; Hills, **97,** 48; Kimball, **97,** 47; Lalance, **09,** 216; Lanier, **00,** 151; LaRoux, **00,** 151; Laurent, **97,** 51; Lautier, **97,** 48; Leduc, **00,** 150; Lehn and Fink, **10,** 571; Lombardi, **09,** 216; Loubon, **97,** 51; **00,** 152; Loubrie, **00,** 150; Luigi, **09,** 216; Marsalis, **97,** 48; Maspero, **00,** 151; Mayrargue, **10,** 551; McKesson and Robbins, **10,** 571; Mordal, **00,** 150, 151; Naegely and Pasero, **00,** 150; Nicelle, **09,** 216; O'Brien, **97,** 49; Olive Growers' Asso., **09,** 216; Osgood, **97,** 49; Pasero, **00,** 151; Picinini, **00,** 152; Pinto, **00,** 150; Plagniol, **97,** 49; **00,** 150, 151; Powers, **97,** 49; **09,** 216; Price, **97,** 48; **00,** 151; **09,** 216; Quito, **97,** 48; Rae, **97,** 48; **00,** 150, 151; **09,** 216; Raix, **97,** 48; Renan, **97,** 48; Ricavi, **97,** 48; Romani, **09,** 216; Rosetti, **97,** 151; Roulan, **09,** 216; Schieffelin, **97,** 49; Seeman, **09,** 216; Servanes, **09,** 49; Smith, **00,** 150; **09,** 216; Societe Hyg. Aliment., **00,** 150; Sonnette, **00,** 150; Stable, **97,** 48; Talbot, **97,** 49; Tisseraud, **00,** 152; Triat, **00,** 151; **09,** 216; Umberto Albertini, **14,** 335; Union Extract Co., **07,** 152; Vermiglio and Mazzitelli, **09,** 216; Warrick, **00,** 151; Williams, **09,** 216; Wright, **00,** 151.
in paprika, **11,** 147.
methods, **97,** 45; **00,** 149.
net volume, **97,** 48–52; **00,** 150–153; **05,** 119, 120; **09,** 215.

Oil, olive—continued.
See also cotton seed oil, peanut oil, salad oil and sesame oil.
orange, methods, **10,** 516. See also orange extract.
peanut, analysis, **09,** 237.
detection, **97,** 45.
in olive oil, **10,** 572.
net volume, **09,** 237.
peppermint. See peppermint extract and spirit of peppermint.
tar. See Pinex and Poslam.
of theobroma. See cacao butter.
unpolymerized, in turpentine, **12,** 182.
volatile. See Bombay mace, buckwheat hulls, cassia buds, clove stems, cocoa shells, cubebs, date stones, linseed meal, various nut shells, paprika, pepper shells, proprietary medicines, red sandalwood, sawdust and various spices.
wintergreen. See wintergreen extract.
Oils, carbohydrates, **13,** 87.
Old Grist Mill Entire Wheat Coffee, analysis, **96,** 60, 61; **98,** 144.
Oleomargarine, analyses, **97,** 63; **98,** 222; **00,** 217.
methods, **97,** 63; **98,** 222; **00,** 216.
Oleum Morrhuae. See cod liver oil.
Ricini. See castor oil.
Theobromatis. See cacao butter.
Olive oil. See oil.
stones, in black pepper, **97,** 20; **04,** 163; **05,** 123; **06,** 139; **07,** 155.
in white pepper, **04,** 163.
Opium, analyses, **12,** 166; **14,** 337.
methods, **12,** 166.
tincture of, analyses, **13,** 297; **14,** 335.
See also cough medicines and soothing syrups.
Ora-Ade, analysis, **02,** 214.
Orangeade, analyses, **99,** 134; **02,** 202, 204, 208; **11,** 131, 197.
Orange, blood, analysis, **99,** 122; **02,** 202, 212.
Celery, analysis, **02,** 201.
cider, analysis, **02,** 214.
extract, analyses, **01,** 176; **10,** 506.
brands, Austin, Nichols and Co., **10,** 506; Capitol House, **10,** 506; Carolan, **10,** 506; Columbia Tea Co., **10,** 506; Cotton, **01,** 175; Grand Union Tea Co., **10,** 506; Harris, **10,** 506; Hedges, **10,** 506; Howlands, **10,** 506; Imperial, **10,** 506; McKee, **10,** 506; McMonagle and Rogers, **10,** 506; Miller, **01,** 175; Mohican, **10,** 506; Mutual Tea Co., **10,** 506; Pansy, **01,** 175; Sage, **01,** 175; Sauer, **10,** 506; Schlotterbeck and Foss, **10,** 506; Sunrise, **01,** 175; Talcott, Frisbie and Co., **01,** 175; Tropic, **10,** 506; Van Dyk, **10,** 506; Williams and Carleton, **01,** 175; **10,** 506.
methods, **01,** 176; **10,** 516.
net volume, **01,** 176; **10,** 506.
standards, **10,** 505.
See also color and turmeric.
jam, analyses, **98,** 123, 127; **00,** 156; **08,** 588.
brands, Curtice Bros., **98,** 123; Logan, Johnson and Co., **08,** 588; Ritter, **00,** 156.
jelly, analyses, **98,** 115; **13,** 69.
brands, Van Abbott, **13,** 69; Whitcher, Pillman and Co., **98,** 115.
juice, analyses, **99,** 136.
lemonade, analysis, **99,** 122.
oil. See oil.
phosphate, analyses, **02,** 206, 214.
soda. See soda water.
sugar, analysis, **11,** 134.
syrup, analyses, **99,** 117, 119, 120, 122, 123, 134, 135; **02,** 201, 202, 205; **11,** 131, 197.
brands, Bowker, **02,** 204; Crystal Cons. Co., **99,** 123; Curtis and Moore, **11,** 131; Daggett, **02,**

Orange syrup—continued.
202; Meyer Bain Mfg. Co., **99,** 123; Simpson Spring Co., **02,** 205; **11,** 131; Smith, **99,** 123; Steele, **11,** 131; Thompson, **99,** 122; **02,** 206.
Orangeine Powder. See headache remedies.
Organic impurities, in chloroform, **13,** 296.
Orrine, analysis, **14,** 260.
Othine, analysis, **14,** 304.
Ovine, analyses, **00,** 198.
OXO bouillon cubes, analysis, **14,** 238.
Oxygen, available. See hydrogen dioxide.
consumed, methods, **00,** 203. See also table waters.
equivalent, methods, **98,** 191.
Oyster Cocktail. See table sauces.
Oysters, analyses, **97,** 43; **06,** 128; **12,** 206.
net weight, **12,** 206.
See also boric acid.
Ozomulsion, analysis, **11,** 166.

Package foods, net weight, **12,** 137.
Palatability of diabetic foods, **13,** 16.
Palmatina, analysis, **06,** 122.
Pancreatin, analyses, **10,** 574.
methods, **10,** 575.
net weight, **10,** 574.
standards, **10,** 573.
P. and L. gluten bread, analyses, **13,** 27, 285; **14,** 246.
Panopepton. See meat preparations.
Pape's Diapepsin, analysis, **14,** 314.
Paprika, analyses, **99,** 103; **11,** 147.
brands, Archibald and Lewis, **11,** 147; Austin, Nichols and Co., **98,** 174; **11,** 147; Benisch, Bennett Simpson and Co., Colburn, Durkee, Great Atl. and Pac. Tea Co., Leggett, National Spice Co., Union Pacific Tea Co., Van Dyk, Van Loan, Maguire and Gaffney, Winowitz, **11,** 147.
Paprika—continued.
methods, **11,** 148.
net weight, **11,** 147.
standards, **11,** 146.
See also olive oil.
Paraffin, methods, **02,** 227.
liquid, in Ely's Cream Balm, **12,** 192.
in Para-Lax, **14,** 316.
See also mineral oil.
Para-Lax, analysis, **14,** 316.
Paraphenylene diamine, in hair remedies, **14,** 289.
Paregoric, analyses, **12,** 167.
methods, **12,** 168.
standards, **12,** 166.
Paris green, in tea, **02,** 256.
Parisian Sage Compound, analysis, **14,** 287.
Parker's Hair Balsam, analysis, **14,** 288.
Vegetable Oil, analysis, **06,** 122.
Park spring water, analysis, **00,** 213.
Parnotis, analysis, **14,** 261.
Parola. See hydrogen dioxide.
Pastes, edible, net weight, **12,** 143.
Pastry, carbohydrates, **13,** 88.
Peach jam, analyses, **98,** 123, 127, 128; **08,** 584, 589.
brands, Ams, **98,** 123; Austin, Nichols and Co., **08,** 584; Clark, **98,** 123; Curtice, **98,** 123; **08,** 589; Dailey, **98,** 123; Grocery Pres. Co., **98,** 123; Leggett, **08,** 589; McMechen, **98,** 123; Sills, **08,** 589.
jelly, analyses, **98,** 115, 117, 119; **01,** 126, 133.
brands, Eagle, **98,** 114; Williams Bros. and Charbonneau, **98,** 116.
juice, analyses, **99,** 136.
Peaches, canned, net weight, **12,** 141.
Peanolia. See peanut butter.
Peanut, anatomy, **04,** 191.
biscuits, analyses, **13,** 34.
bread, analyses, **13,** 36.

Peanut—continued.
butter, analyses, **99,** 138; **12,** 206; **13,** 36.
brands, Atlantic, **99,** 138; **13,** 36; Beardsley, **13,** 36; Beech-Nut, **13,** 36; Blenner, **13,** 36; Brooke, **13,** 36; Dillon and Douglass, **13,** 36; Heinz, **13,** 36; Kellogg, **13,** 36; Leggett, **13,** 36; MacLaren, **13,** 36; Nut Products Co., **13,** 36; Peanolia, **99,** 138; **13,** 36; Pierce, **13,** 36.
net weight, **12,** 142.
cakes, analyses, **13,** 28.
candied, anlyses, **13,** 278.
oil. See oil.
Pears, canned, net weight, **12,** 141.
Peas, analyses, **10,** 479.
in allspice, **01,** 193; **04,** 163.
in cloves, **02,** 245.
in coffee, **96,** 55–58; **97,** 15, 17; **98,** 140; **99,** 111; **00,** 122; **01,** 119, 204; **02,** 246; **03,** 145; **04,** 162; **05,** 121; **06,** 136.
Peas, canned, analyses, **98,** 164; **10,** 462–467, 472–489.
brands, Acker, Merrall and Condit, **10,** 457; Algoma, **10,** 457; Allen-Ditchett, **10,** 457; Ames, **10,** 457; A. and P., **10,** 457; Barton, **10,** 457; Batavia, **10,** 458; Beckmann, **10,** 458; Bonnie Meade, **10,** 458; Burt Olney, **10,** 458; Byron, **10,** 458; Cannon, **10,** 458; Cheboygan, **10,** 458; Cherry Creek, **10,** 458; Cohocton, **10,** 458; Columbus, **10,** 458; Corbeille, **10,** 458; Cremer, **10,** 458; Curtice, **10,** 458; Davis, **10,** 458; DeGroff, **10,** 458; Draper and Hirch, **10,** 458; Fitzgerald, **10,** 458; Fort Stanwix, **10,** 458; Fox Lake, **10,** 459; Francois, **10,** 459; Franklinville, **10,** 459; Fredonia, **10,** 459; Genesee Valley, **10,** 459; Geneseo, **10,** 459; Geneva, **10,** 459; Great Atl. and Pac. Tea Co., **10,** 459; Hemingway, **10,** 459; Hill, **10,** 459; Johnson, **10,** 459; Kibbe, **10,** 459; Langrall, **10,** 459; Leggett, **10,** 459; Lemoine, **10,** 459; Lenox, **10,** 460; Le Soleil, **10,** 460; Lord-Mott Co., **10,** 460; McKinley, **10,** 460; Miller, **10,** 460; Miner, Read and Garrette, **10,** 460; Moody, **10,** 460; Morel, **10,** 460; Oconto, **10,** 460; Oswego, **10,** 460; Pennellville, **10,** 460; Phillips, **10,** 460; Potter and Wrightington, **10,** 460; Powers, **10,** 460; Price, **10,** 460; Randolph, **10,** 460; Rodier, **10,** 460; Seeman, **10,** 460, 461; Sills, **10,** 461; Silver Creek, **10,** 461; Sprague, Warner and Co., **10,** 461; Springville, **10,** 461; Sussex, **10,** 461; Tanner, **10,** 461; Tipton, **10,** 461; Tirot, **10,** 461; Varick, **10,** 461; Waterloo, **10,** 461; Wespalaer, **10,** 461; Williams, **10,** 461; Wilson, **10,** 461; Winters and Prophet, **10,** 461.
methods, **10,** 491.
net weight, **10,** 462; **12,** 140.
standards, **10,** 468.
See also copper and tin.
Pecan nuts. See iron oxide.
Penolia. See peanut butter.
Penslar Hair Tonic, analysis, **14,** 289.
Compound Laxative Fig and Senna Syrup, **12,** 155.
Worm Syrup, analysis, **14,** 325.
Pentosans, methods, **11,** 157.
See also cider and vinegar.
Pepper, methods, **96,** 34; **97,** 22.
black, analyses, **96,** 35–37, 39–41; **97,** 19, 20; **98,** 171, 173, 199; **99,** 103; **01,** 188, 191; **02,** 233, 234, 242–244; **03,** 162–164; **04,** 164; 165, 171–173; **05,** 124, 125; **06,** 140, 141; **07,** 154, 155.

Pepper, black—continued.
brands, Adams and Howe, **96,** 36; **98,** 170; Allyn and Blanchard, **98,** 170; America Spice Mills, **02,** 243; Archibald and Lewis, **02,** 244; **04,** 173; Augur, 96, 35; **98,** 170; **02,** 233; **04,** 165; **07,** 157; Austin, Nichols and Co., **96,** 35; **98,** 170; **07,** 157; Barnum and Read, **96,** 36; **98,** 170; Battey, **96,** 36; **98,** 170; Beckmann, **07,** 157; Bennett, Simpson and Co., **96,** 35; **98,** 170; Bennett, Sloan and Co., **96,** 35; **98,** 170; Blanchard, **96,** 35; **98,** 170; Boardman, **96,** 35; **98,** 170; Bryan, Miner and Read, **96,** 35; **98,** 170; Bugbee and Brownell, **98,** 170; **02,** 233; **07,** 157; Bushnell, **98,** 170; Butler, **98,** 170; Cahill, **02,** 243; **04,** 164; Carlson, **04,** 164; Challenge, **96,** 39; Clark, Chapin and Bushnell, **96,** 35; **98,** 170; **07,** 157; Colburn, **98,** 170; **05,** 124; Columbia Tea Co., **02,** 243; **04,** 173; Daniels, Cornell and Co., **98,** 170; Dean, **02,** 242; DeGroff, **98,** 170; Doyle, **02,** 243; **04,** 171; Durkee, **96,** 35; **97,** 21; **98,** 170; **02,** 233; East India Tea Co., **07,** 157; Empire Mills, **02,** 244; Exley, Watkins and Co., **98,** 170; Farrington, **98,** 170; **02,** 242; Fischer, **02,** 244; **04,** 165; Fraser, **02,** 233; Fullerton, **02,** 242; Gillies, **98,** 170; **04,** 164, 173; Grand Union Tea Co., **96,** 36; **02,** 233; **04,** 171; Hall, **97,** 21; **98,** 170; Haskell, Adams and Co., **04,** 165; Hills, **98,** 170; Hornick, **96,** 36; **98,** 170; **02,** 233; Howard, **02,** 243; Justice, **97,** 21; **98,** 172; Kibbe, **96,** 39; Knicker-
Pepper, black—continued.
bocker, **04,** 172; Leggett, F. H., **98,** 172; Leggett, W. A., **02,** 243; **04,** 171; Lincoln, Seyms and Co., **96,** 35; **98,** 172; Loudon and Johnson, **96,** 39; Lyon, **96,** 36; **98,** 172; Mansfield, **96,** 36; **98,** 172; **02,** 233; **04,** 165; Markle, **02,** 243; Middlesex Tea Co., **07,** 157; Miner, Read and Garrette, **02,** 233; **04,** 164; Montanye, **04,** 164; **07,** 157; Palmiter, **96,** 36; **98,** 172; Potter-Parlin Co., **98,** 172; Powers, **96,** 35; **98,** 172; Sadd, **04,** 165; Slade, **96,** 35; **97,** 21; **98,** 172; **02,** 233; **04,** 165; Smith, **06,** 141; Sovereign, **98,** 172; Sparhawk, Poole and Co., **02,** 242; **04,** 164; Square Deal, **98,** 172; Stickney and Poor, **97,** 21; **98,** 172; **02,** 233; Stiff, **98,** 172; Stitt, **04,** 171; Stocker and Brill, **96,** 39; Sultana, **96,** 39; **98,** 172; Swain, Earle and Co., **96,** 36; **98,** 172; Thomas and Turner, **07,** 157; Thurber Whyland Co., **96,** 35; Tropical, **98,** 172; Trubee, **02,** 233; Union Pacific Tea Co., **98,** 172; **02,** 233; Union Spice Co., **96,** 36; Union Supply Co., **05,** 125; Upson, **98,** 172; Walsh, **04,** 164; Worthington, **96,** 39.
standards, **03,** 120, 158; **04,** 115.
See also beans, buckwheat, cayenne pepper, charcoal, cocoanut shells, coffee hulls, corn, grain hulls, linseed hulls, mustard hulls, nut shells, olive stones, pepper shells, sand, sawdust, turmeric and wheat.
Pepper, cayenne, analyses, **97,** 22, 23; **98,** 175, 201; **99,** 102; **01,** 188, 189, 192; **02,** 235, 236, 244; **04,** 166, 174, 175; **05,** 125; **06,** 141.

Pepper, cayenne—continued.
brands, Allyn and Blanchard, **98,** 174; Augur, **02,** 236; Austin, Nichols and Co., **98,** 174; Bennett, Simpson and Co., **02,** 235; Bryan, Miner and Read, **98,** 174; Bugbee and Brownell, **98,** 174; Cahill, **04,** 174; **05,** 125; Dean, **02,** 236; DeGroff, **02,** 235; Durkee, **02,** 235; Ellis, **98,** 174; Gillies, **98,** 174; Grand Union Tea Co., **04,** 166; Hills, **98,** 174; Lincoln, Seyms and Co., **98,** 174; **02,** 236; Markle, **02,** 236; Miner, Read and Garrette, **04,** 166; Montanye, **98,** 174; Slade, **98,** 174; **04,** 166; Stickney and Poor, **98,** 174; **02,** 235; Thompson, **98,** 174; Tiger, **02,** 236; Williams and Carleton, **02,** 236; **04,** 166; Windsor, **04.**
in black pepper, **96,** 39, 40; **97,** 20; **01,** 191, 204; **02,** 242; **04,** 163; **05,** 123; **06,** 139; **07,** 154, 155.
in ginger, **01,** 192; **07,** 156.
in white pepper, **96,** 43; **97,** 20; **01,** 191.
standards, **03,** 117; **04,** 113.
See also buckwheat, color, corn meal, gypsum, nut shells, red sandalwood, sand, sawdust, turmeric and wheat.
long, analyses, **96,** 41; **98,** 199.
pinhead, analyses, **98,** 199.
shells, analyses, **96,** 41; **98,** 199.
in black pepper, **97,** 20; **98,** 171, 173; **01,** 191, 204; **02,** 242.

Pepper—continued.
white, analyses, **96,** 43; **98,** 173, 175, 199; **99,** 102; **01,** 188, 191; **02,** 234, 235, 244; **04,** 165, 166, 173, 174; **05,** 125; **06,** 142.
brands, Augur, **98,** 172; **02,** 235; Austin, Nichols and Co., **07,** 157; Bennett, Simpson and Co., **98,** 172; Bugbee and Brownell, **98,** 172; Bushnell, **04,** 174; Cahill, **04,** 174; **05,** 125; Carlson, **04,** 166; Challenge, **02,** 244; DeGroff, **07,** 157; Durkee, **04,** 166; Farrington, **98,** 172; Frazier, **04,** 173; Hills, **96,** 43; **98,** 172; Howard, **02,** 234; Knickerbocker, **07,** 157; Leggett, F. H., **98,** 174; **02,** 234; **07,** 157; Leggett, W. A., **07,** 157; Lincoln, Seyms and Co., **02,** 235; Markle, **02,** 235; Middlesex Tea Co., **07,** 157; Miner, Read and Garrette, **04,** 174; Montanye, **98,** 174; Powers, **98,** 174; Sills, **06,** 142; Slade, **96,** 43; **98,** 174; **02,** 235; Smith, **98,** 174; **02,** 235; Standard, **04,** 173; Stickney and Poor, **04,** 166; Stocker and Brill, **96,** 43; Swain, Earle and Co., **02,** 235; Union Spice Co., **98,** 174; Upson, **98,** 174; **04,** 166; Wilde, **02,** 235; **07,** 157; Williams and Carleton, **02,** 234.
standards, **03,** 120; **04,** 115.
See also buckwheat, cassava starch, cayenne pepper, color, corn starch, gypsum, olive stones, rice, sawdust and wheat.
Peppermint extract, analyses, **09,** 271; **10,** 503.
brands, Acker, Merrall and Condit, **10,** 508; Austin, Nichols and Co., **10,** 503; Carlson,

Peppermint extract—continued.
10, 508; Clark, 10, 508 Columbia Tea Co., 10, 508; East India Tea Co., 10, 508; Great Atl. and Pac. Tea Co., 10, 508; Harris, 10, 508; Mutual Tea Co., 10, 508; St. John, 10, 508; Superior, 10, 508; Union Pacific Tea Co., 10, 508; Williams and Carleton, 09, 271; Yale Tea Co., 10, 508.
methods, 10, 516.
net volume, 10, 508, 577.
standards, 10, 507.
See also color.
oil. See oil.
spirit of, analyses, 09, 271; 10, 577.
brand, Arthur, 09, 271; 10, 577.
Peppers, canned, net weight, 12, 140.
Pepsin, analyses, 11, 186.
brands, Fairchild, 11, 186; Parke, Davis and Co., 11, 186.
methods, 11, 184.
net weight, 11, 186.
standards, 11, 183.
Peptogenic Milk Powder, analysis, 08, 604.
Peptol, analysis, 08, 606.
Pepto-Mangan "Gude." See meat preparations.
Peptones, standards, 08, 610.
See also meat extracts and meat preparations.
Peptonoids, Beef. See meat powders.
Pequabuck spring water, analysis, 00, 211.
Perfumery, analyses, 09, 271.
Perry's Moth and Freckle Lotion, analysis, 14, 304.
Peruna, analysis, 12, 194.
Petrolatum. See Poslam.
liquid. See Ely's Cream Balm and Para-Lax.
Pettenkoffer test. See cod liver oil wines.
Pfeffernüsse, analysis, 13, 30.
Phenacetin. See acetphenetidin.
Phenix, analyses, 02, 210; 09, 230.
Phenolphthalein, in Dilaxin Pills, 14, 315.
in Marmola, 14, 263.
in Nurito, 14, 329.
Phenyo-Caffein. See headache remedies.
Phosa, analyses, 99, 126, 137; 02, 210.
Phosphi Cereal Nervine Coffee, analysis, 96, 61.
Phospho D. and D. Special, analysis, 14, 246.
Phosphorus. See milk and Sanatogen.
Phy-thy-rin, analysis, 14, 263.
Phytin. See Cerena and other laxative preparations.
Phytoline, analysis, 14, 262.
Pickles, analyses, 02, 219; 09, 218, 219; 11, 152.
brands, Alart and McGuire, 02, 218; Austin, Nichols and Co., 02, 218; 09, 218; Avery, 02, 218; Beutel, 09, 218; Blenner, 02, 218; 09, 218; 11, 152; Bradenock, 02, 218; Budlong, 09, 218; Clark and Burton, 02, 218; Columbia, 11, 152; Cruikshanks, 09, 218; Dailey, 02, 218; Dixon, 11, 152; Doyle, 09, 218; 11, 152; Gould, 02, 218; Heinz, 02, 218; 09, 218; 11, 152; Johnson, 02, 218; Leggett, 02, 218; Leroux, 09, 218; Libby, 09, 218; Lutz and Schramm, 02, 218; 11, 152; McMechen, 09, 218; Miner, Read and Garrette, 09, 218; Powers, 02, 218; 09, 219; Recht and Rosenbaum, 09, 219; Schoen-

Pickles—continued.
berg, **09,** 219; Seeman, **02,** 218; **09,** 219; Sherwood, **09,** 219; Silver Lane, **09,** 219; **11,** 152; Skilton, Foote and Co., **09,** 219; Squire Dingee Co., **09,** 219; Standard, **09,** 219; Varick, **02,** 218; Weller, **02,** 218; Williams, **02,** 218; **09,** 219; **11,** 152; Zastrow, **09,** 219; **11,** 152.
methods, **02,** 220.
net weight, **02,** 219; **09,** 218; **12,** 143.
See also alum, benzoic acid, glucose, saccharin and salicylic acid
Pie preparation, analysis, **09,** 202.
Pierce's Golden Medical Discovery, analysis, **12,** 193.
Pignolias. See pine nuts.
Pigweed seed, in wheat screenings, **02,** 341.
Pilocarpine, in hair remedies, **14,** 281, 288.
Pimento. See allspice.
Pimiento. See paprika.
Pineapple extract, analyses, **10,** 510, 512.
brands, Acker, Merrall and Condit, **10,** 510; Columbia Tea Co., **10,** 512; Doyle, **10,** 512; Grand Union Tea Co., **10,** 510; High Grade Brand, **10,** 510; McMonagle and Rogers, **10,** 510; Mohican, **10,** 510; Stickney and Poor, **10,** 512; Stuart, **10,** 510; Union Pacific Tea Co., **10,** 510; Van Duzer, **10,** 510; Wightman, **10,** 510.
net volume, **10,** 510, 512.
See also color and synthetic flavor.
Pineapple—continued.
jam, analyses, **98,** 123, 127, 128; **01,** 130, 134; **08,** 584, 589; **10,** 580.
brands, Adams, **98,** 123; American Pres. Co., **08,** 589; Ams, **98,** 123; Beckmann, **08,** 589; Curtice, **98,** 123; Libby, **08,** 584; Miner, Read and Garrette, **08,** 589; Paul, Taylor Brown Co., **10,** 580; Williams Bros. and Charbonneau, **01,** 130.
jelly, analyses, **98,** 113, 117–119; **01,** 126, 133.
brands, Ayer, **01,** 126; Berry, **98,** 116; Ritter, **98,** 116; Stone, **98,** 113.
juice, analyses, **99,** 136.
syrup, analyses, **99,** 117, 119, 120, 123, 134, 135; **02,** 208; **11,** 133.
brands, Bain and Chapman, **99,** 123; Crandall and Godley, **99,** 119; Curtis and Moore, **02,** 208; **11,** 133; Eagle, **02,** 203; Haus Bros. and Wyatt, **99,** 120; Smith, **99,** 123; Steele, **99,** 119.
Pineapples, canned, net weight, **12,** 141.
Pine nuts, analyses, **13,** 36; **14,** 244.
Pinex, analysis, **12,** 199.
Plain Yellow Minyol, analysis, **14,** 289.
Plasmon, analysis, **08,** 604; **13,** 24. See also chocolate and cocoa.
Plum jam, analyses, **98,** 123, 127; **01,** 133; **08,** 583.
brands, Adams, **98,** 123; Ayer, **01,** 126; Cairns, **98,** 123; Crescent, **98,** 123; Mansfield, Witham and Co., **08,** 588.
jelly, analyses, **98,** 118; **03,** 534.
brands, Sprague, Warner and Co., **08,** 534; Stone, **98,** 113.
juice, analyses, **99,** 136.
Plums, canned, net weight, **12,** 141.
Poland spring water, analysis, **00,** 213.

Polarization, methods, **96,** 7; **97,** 61; **98,** 158, 220; **99,** 129, 158; **01,** 206; **02,** 278; **03,** 144; **09,** 239; **10,** 561; **12,** 113, 115.
See also various bottled beverages, blackberry brandy, candied apples, chili sauce, chocolate, cider, coca wine, cocoa, cod liver oil wines, confectionery, cordials, figs, fruit juices and syrups, honey, jams, jellies, ketchup, kola wine, lemonade, maple sugar and syrup, molasses, orange sugar, Peptol, pickles, proprietary medicines, relishes, root beer extract, sarsaparilla extract, soda water syrups, sugar, syrup, syrup of figs, table sauces and vinegar.
Polymerization of oils, methods, **12,** 174.
Pomarius, analysis, **13,** 68.
Pond's Extract, analysis, **11,** 195.
Poppy heads. See Cubanos.
seed, anatomy, **03,** 194.
Pork and beans, net weight, **12,** 139.
Porter's (Zadoc) Stomach Bitters. See bitters.
Poslam, analysis, **12,** 186.
Post Tavern Special. See breakfast foods.
Post Toasties. See breakfast foods.
Postum Cereal, analysis, **98,** 144.
Potash, methods, **00,** 178; **08,** 612; **12,** 165.
See also baking powder, cider, coffee, cream of tartar, magnesium citrate, meat extracts and meat preparations.
Potassium acetate. See Kargon.
arsenite. See Fowler's solution.
bitartrate. See cream of tartar.
cyanide, in tea, **14,** 337.
iodide. See A. D. S. Rheumatic Remedy and sarsaparilla extracts.
nitrate (saltpeter). See Cubanos, Doan's Kidney Pills and meat extracts.
Potato-Gluten biscuits, analyses, **06,** 157; **13,** 32.
Potato starch, in chocolate, **07,** 135.
in sausage, **09,** 225.
Potter's Walnut Tint Hair Stain, analysis, **14,** 289.
Poultry, carbohydrates, **13,** 86.
Preservaline Butter Powder, analysis, **99,** 145.
for cider, analysis, **99,** 146.
Preservatives, beer, analysis, **99,** 147.
chemical, discussion of, **97,** 3; **99,** 139.
cider, analyses, **99,** 146; **01,** 184.
cream, analyses, **99,** 141.
egg, analyses, **01,** 185;
meat, analyses, **99,** 149, 150.
milk, analyses, **99,** 141.
wine, analyses, **99,** 147.
yeast, analyses, **02,** 256.
Preserves. See jams.
Preserving powder, analyses, **99,** 147, 148.
salts, analyses, **99,** 151.
Pretzels, analyses, **13,** 28, 32, 285; **14,** 228, 230, 244.
Prolactic biscuit. See diabetic foods (Callard, Stewart and Watt).
Promireu. See diabetic foods (Health Food Co.).
Proprietary medicines, analyses, **09,** 274–277; **11,** 166; **12,** 184–201; **14,** 256–332.
methods, **12,** 184–201.
Protein. See Albulac, alfalfa bread, banana flour, beer, bindweed, biscuits, bouillon, bread, breakfast foods, canned corn peas and pumpkin, cheese, condensed milk, crackers, Dehydro foods, diabetic foods, dried egg, eggs, foxtail, Fruit Puddine, ice cream cones, infant and invalid foods, ketchup, laxative preparations, macaroni, milk, milk powders, noodles, peanut butter, pie preparations, prepared mustard, Puregg, sorghum seed, spaghetti,

Protein—continued.
Steriline, tomatoes, tomato soup, vermicelli, wheat bran and wheat screenings.
Proteolytic power, methods **10,** 576; **11,** 184.
See also pancreatin and pepsin.
Proteoses. See nitrogen.
Proto Puffs. See diabetic foods (Health Food Co.)
Protosac preparations. See diabetic foods (Health Food Co.)
Protose. See diabetic foods (Kellogg).
Protosoy foods. See diabetic foods (Health Food Co.).
Prunes, analyses, **12,** 103.
brands, Gold Medal, **12,** 103; Russell, **12,** 103.
net weight, **12,** 103, 145.
Pumpkin, canned, analyses, **13,** 289–293.
brands, Acker Merrall and Condit, Austin Nichols and Co., Burt Olney, Burton and Davis, Cherry Creek, Cummings, Dudley, Fort Stanwix, Great Atl. and Pac. Tea Co. Lee, McKinley, Miner Read and Garrette, Miner Read and Tullock, Oneida Community, Oswego, Rochester, Seeman, Williams, Winters and Prophet, **13,** 292.
net weight, **12,** 140; **13** 292.
See also tin.
fresh, analyses, **13,** 239.
Puregg, analysis, **01,** 185.
Purin bases, methods, **08,** 612.
See also meat extracts and meat preparations.
Puritan spring water, analysis, **00,** 211.
Purogen, analysis, **14,** 266.
Pyramidon, in Nurito, **14,** 329.
Pyro-Oxygen. See hydrogen dioxide.

Quakauche spring water, analysis, **00,** 211.
Queen sherbet, analyses, **99,** 119, 134.
Quince jam, analyses, **98,** 125, 127, 128; **01,** 130, 134; **08,** 589, 590; **11,** 211.
brands, Acker, Merrall and Condit, **04,** 189; Ams, **98,** 125; Austin, Nichols and Co., **08,** 589; Campbell, **98,** 125; Crescent, **01,** 130; Curtice, **98,** 125; East Brooklyn, **08,** 589; Logan, Johnson and Co., **08,** 589; National Pres. Co., **08,** 590; West Va. Pres Co., **98,** 125.
jelly, analyses, **98,** 117–119; **08,** 584, 594.
brands, Beech-Nut, **08,** 584; Curtice, **98,** 116; Leggett, **08,** 594; Steele, **98,** Stone, **98,** 113; West Va. Pres. Co., **08,** 594.
juice, analyses, **99,** 136.
Quinine. See bitters, cod liver oil wines, elixir glycerophosphates, hair remedies and tonics.
pills, analyses, **11,** 187, 210.
net weight, **11,** 187.
sulphate, in pills, **11,** 187, 210.

Ragweed seed, in wheat screenings, **02,** 341.
Raisins, analyses, **12,** 103.
brands, Amer. Vineyard Co., Antler, Armsby, Austin Nichols and Co., Blue Seal, Bushnell, Castle, Clark Chapin and Bushnell, DeGroff, Del Monte, El Cajon, Ellis, Fresno, Gold Medal, Great Atl. and Pac. Tea Co., Higgins, Hills, Kings, Leggett, Madison and Bonner, Malaga, Meyer and Lange,

Raisins—continued.
North Ontario, Seeman, Selma, Stoddard Gilbert and Co., Twitchell-Champlin Co., Union Pacific Tea Co., Welch, Williams, **12,** 106.
net weight, **12,** 106, 145.
See also sulphurous acid.
Ralston Health Food. See breakfast foods.
Raspberry, anatomy, **02,** 296.
extract, analyses, **01,** 178; **10,** 511, 512.
brands, Baker, **10,** 511; Bastine, **10,** 512; Beach and Clarridge, **10,** 511; Doyle, **10,** 512; Globe, **01,** 178; Harrison, **01,** 178; Hill, **10,** 512; Mohican, **10,** 511; Schlotterbeck and Foss, **10,** 511; Williams and Carleton, **01,** 178.
net volume, **01,** 178; **10,** 511, 512.
See also color and synthetic flavor.
jam, analyses, **98,** 125, 127, 128; **01,** 125, 126, 130, 133, 134; **08,** 586, 590, 591.
brands, Acker, Merrall and Condit, **04,** 189; Adams, **98,** 124; Amer. Pres. Co., **08,** 590; Ams, **98,** 124; Anderson, **98,** 124; Austin, Nichols and Co., **01,** 126; **08,** 590; Avery, **01,** 126; Central, **98,** 124; Clark, **01,** 126; Crosse and Blackwell, **01,** 125; Curtice, **98,** 122; Dailey, **98,** 124; East Brooklyn, **08,** 590; Great Atl. and Pac. Tea Co., **08,** 590; Heinz, **01,** 126; Hill, **08,** 590; Johnson, **98,** 124; Logan, Johnson and Co., **08,** 590, 591; Mansfield, Witham and Co., **08,** 591; McMechen, **08,** 586; Miner, Read and Garrette, **08,** 591; Ontario, **01,** 126; Ritter, **08,** 591; **10,** 580; Southwell, **98,** 121; West Va. Pres. Co., **08,** 591; Whicher, Pillmann and Co., **98,** 124; Williams, **98,** 121; Williams Bros. and Charbonneau, **01,** 126; Wood, **98,** 124.
jelly, analyses, **98,** 117–119; **01,** 126, 130, 133, 134; **08,** 594.
brands, Ayer, **98,** 116; **01,** 126; Boston, **01,** 130; Crystal, **98,** 116; Hill Home, **01,** 126; Hudson, **01,** 130; Kibbe, **01,** 130; McMechen, **08,** 594; My Favorite, **01,** 126; Ritter, **08,** 594; Rogers, **01,** 126; Stone, **98,** 113; West Va. Pres. Co., **98,** 116; Whicher, Pillman and Co., **98,** 116.
juice, analyses, **99,** 128, 136.
syrup, analyses, **99,** 117, 119, 120, 122, 123, 134, 135; **02,** 201, 202, 205, 208; **08,** 585; **09,** 230; **11,** 131, 132, 196, 198.
brands, Bain and Chapman, **99,** 123; Clark Extract Co., **11,** 198; Curtis and Moore, **02,** 208; **09,** 230; **11,** 131; Eagle, **02,** 208; Gompert and Lipman, **99,** 120; Hall, **02,** 208; Joslyn, **99,** 122; Matthews, **11,** 132; Palisade, **02,** 206, 208; Ritter, **99,** 123; Scandinavian Imp. Co., **08,** 585; Simpson Spring Co., **02,** 205, 208; Smith, **99,** 123; **02,** 208; Steele, **99,** 122; Strohmeyer and Arpe, **11,** 132; Swedish Imp. Co., **11,** 132, 196; Thompson, **99,** 122; Werder, **99,** 120.
Raspberries, canned, analysis, **08,** 586.
Ratafia de Cerises, analyses, **01,** 147.
Mures, analyses, **01,** 147.
Rat poison, analysis, **11,** 217.
Red Seal Purity Cream Powder. See ice cream powders.

Refractive index, methods, **00,** 142, 149, 217; **00,** 173, 295; **09,** 238.
See also breakfast foods, butter, camphor liniment, castor oil, chocolate, cocoa, cod liver oil, cod liver oil emulsions, confectionery, corn oil, ice cream cones, Konut, Korno products, lard, lard oil, lard substitutes, lemon extract, oleomargarine, olive oil, orange extract, peanut oil, peppermint extract, salad dressing, sardines, turpentine and Wesson's cooking oil.
Reichert-Meissl No. See butter, chocolate, cocoa, cod liver oil and Korno products.
Relishes, analyses, **11,** 152, 153, 158.
net weight, **12,** 143.
See also chili sauce, ketchup, oyster cocktails, sweet pickles and table sauces.
Renard test, method, **97,** 45.
Resorcin, in hair remedies, **14,** 284, 285, 287, 288.
in skin remedies, **14,** 306.
Rexall Every Day Tonic, analysis, **14,** 318.
Fruit Laxative. See syrup of figs.
Sarsaparilla Tonic. See sarsaparilla extracts.
Worm Syrup. See worm syrups.
See also cod liver oil emulsions.
Rex Magnus preservatives, analyses, **97,** 144; **99,** 149, 150.
Rheumatism remedies, analyses, **12,** 195, 196; **14,** 329.
brands, A. D. S. Rheumatic Remedy, **12,** 195; Nurito, **14,** 329; Rheumatogen, **12,** 196.
Rheumatogen, analysis, **12,** 196.
Rice, analyses, **12,** 119-121.
brands, Adams, **12,** 120; Fischer, **12,** 119, 120; FitzGerald, **12,** 120; Union Pacific Tea Co., **12,** 120; Village Store Co., **12,** 120.
in ginger, **98,** 149; **01,** 192; **07,** 156.
in mustard, **05,** 123; **07,** 156.
in white pepper, **97,** 21.
net weight, **12,** 119, 120.
See also glucose and talc.
Rice, flaked. See breakfast foods.
Malto. See breakfast foods.
Milk. See breakfast foods.
Puffed. See breakfast foods.
Ridge's Food, analysis, **08,** 604.
Rieseling wine, analyses, **13,** 72.
Rimini test, method, **00,** 127.
Roborat foods, analyses, **13,** 22, 71.
Rochelle salt, in proprietary medicines, **14,** 310-312.
in syrup of figs, **12,** 155.
Rockland spring water, analysis, **00,** 211.
Rock Ledge spring water, analysis, **00,** 211.
Roese-Gottlieb method, **09,** 192.
Rolls, analyses, **08,** 711; **12,** 111, 112; **13,** 26, 34.
Ron Bre, analyses, **02,** 210; **09,** 230.
Root beer, analyses, **99,** 117, 123, 124, 126, 135, 137; **10,** 578; **11,** 198.
brands, Berry, **99,** 124; Clancey, **99,** 126; Everett, **99,** 124; Franklin, **99,** 124; Gilhuly and Bohen, **99,** 124; Hires, **99,** 124; Scovill, **99,** 124; Smith, **99,** 123; Star, **99,** 124; **11,** 198; Wahrenberger, **99,** 124.
See also salicylic acid.
extract, analyses, **11,** 150.
brands, Beckmann, Great Atl. and Pac. Tea Co., Hires, Knapp, Kronan, Lundin, Mammoth, Premium, Stroh-

Root beer extract—continued.
meyer and Arpe, Swedish Imp. Co., Williams and Carleton, Wise Smith and Co., **11,** 150.
See also alcohol and benzoic acid.
Rose cordial, analyses, **01,** 147.
Rough on Rats, in wheat flour, **10,** 578.
Ruby Vim syrup, analysis, **09,** 230.
Rum, analyses, **11,** 212; 14, 334.
Ruppert's World Renowned Face Bleach, analysis, **14,** 305.
Rusk, Holland. See breakfast foods.
Rusks, analyses, **06,** 156; **13,** 28-34; **14,** 244.
Russell's Emulsion Mixed Fats, analysis, **11,** 166.

Saccharin, in carbonated drinks, **09,** 230; **11,** 197-199; **13,** 299; **14,** 334.
in chocolate, **14,** 246.
in cod liver oil wines, **11,** 175.
in diabetic foods, **13,** 285.
in ketchup, **10,** 547.
in pickles, **02,** 219; **09,** 218; **11,** 153.
in table sauces, **11,** 159.
chocolate, analyses, **13,** 70.
crystals, analyses, **13,** 80.
methods, **99,** 133; **02,** 220.
oblaten, analyses, **13,** 285; **14,** 244.
preparations, **09,** 273; **13,** 80.
brands, Bronson Pelcher and Co., Crystallose Heyden, Fahlberg, Garantose, Gessner, Hoyt's Sweetina, Intensac, Jireh Crystals, Lilly, Merck, Parke Davis and Co., Satoin, Saxin, **13,** 81; Sugar Gems, **09,** 273; **13,** 81; Sweetina, **13,** 81.
soluble, analyses, **13,** 80.
tablets, analyses, **13,** 81.
Saccharum lactis. See milk sugar.
Sage, analysis, **12,** 206.
in hair remedies, **14,** 287, 291.
Sage's Catarrh Remedy. See catarrh powders.
Salad dressing, analyses, **11,** 154.
brands, Austin Nichols and Co., Campbell, Durkee, East India Tea Co., Farrington and Whitney, Fear, Haaker, Horton-Cato, Howard, Kittredge, Snider, Union Pacific Tea Co., **11,** 154.
net weight, **11,** 154; **12,** 143.
See also boric acid, color and turmeric.
Salad oil, analyses, **97,** 52; **00,** 153; **04,** 188; **05,** 120.
brands, Campanini, **05,** 120; Crispi, **00,** 153; Fava, **05,** 120; Garnier, **00,** 153; Imperial, **97,** 52; Lauren, **00,** 153; Los Angeles, **00,** 153; Loubon, **97,** 52; **00,** 153; **05,** 120; Mazzini, **97,** 52; Midas, **00,** 153; **05,** 120; M. K. J., **05,** 120; Osten, **97,** 52; Schoenberg, **05,** 120; Union, **97,** 52; **00,** 153; **05,** 120; Verona, **97,** 52; **00,** 153; Voss, **05,** 120.
See also olive oil.
Salmon, canned, net weight, **12,** 141.
Salt, analyses, **04,** 189; **08,** 597; **14,** 333, 336.
brands, Brunswick, Cerebos, Columbia, Diamond, Gold Medal, Great Atl. and Pac. Tea Co., Hecker, Huss, International, Miner Read and Garrette, Ohio, Shaker, Star, Twitchell Champlin Co., **08,** 597; Watkins, **04,** 189; **08,** 597; Worcester, **08,** 597.
in bay rum, **09,** 271.
in meat extracts, **08,** 623, 643, 652, 660.

Salt—continued.
in perfumery, **09,** 271.
net weight, **08,** 597.
standards, **08,** 586.
See also breakfast foods, bouillon, calcium chloride and sulphate, canned corn peas and tomatoes, chili sauce, condensed soups, Hyper-Samphire, ketchup, Korno, peanut butter, prepared mustard, sodium chloride, table sauces, tomato soup and Zanzibar Carbon.
Saltpeter, in meat extracts, **08,** 633.
Salvia Sticks, analyses, **06,** 157; **13,** 30; **14,** 246.
Sanatogen, analyses, **12,** 197; **13,** 22; **14,** 336.
Sand, in allspice, **98,** 179.
in black pepper, **04,** 163; **05,** 123; **07,** 154, 155.
in buckwheat flour, **13,** 303.
in cayenne pepper, **05,** 123.
in cinnamon, **97,** 32; **05,** 123.
in cloves, **05,** 123.
in cocoa, **02,** 258–263, 282–287; **11,** 120, 123.
in dried currants, **12,** 103.
in mustard, **98,** 169.
See also aconite root, asafetida, baking powder, Bombay mace, buckwheat hulls, cassia buds, chocolate, clove stems, cocoa shells, cubebs, date stones, ginger, linseed meal, various nut shells, pepper shells, red sandalwood, sawdust and white pepper.
Sandalwood, red, analyses, **98,** 210.
in cayenne pepper, **97,** 23.
in cinnamon, **97,** 32.
Sanitas foods. See diabetic foods. (Kellogg).
Santonine, in worm syrups, **14,** 325.
Saponification value. See cocoa butter.
Sardines, analyses, **09,** 223, 224.
brands, Bon Jean, **09,** 221; Ceroneira, **09,** 222; Clark, **09,** 220; Columbian, **09,** 220; Farnsworth, **09,** 220; Great Boat Race, **09,** 221; Heljesen, **09,** 221; Holmes, **09,** 220; Independent, **09,** 220; Jupiter, **09,** 221; Kermabon, **09,** 221; Landel, **09,** 221; La Princesse, **09,** 221; Larsen, **09,** 221; Le Croix, **09,** 221; Le Fret, **09,** 221; Le Glizic, **09,** 221; Linec, **09,** 221; Lubec, **09,** 220, 221; Macnichol, **09,** 221; Maddocks, **09,** 221; Mariannic, **09,** 221; Marzan, **09,** 221; Menzel, **09,** 221; Midwood, **09,** 221; Napoleon, **09,** 221; Pierce, Austin and Co., **09,** 221; Rianjo, **09,** 222; Rolland, **09,** 221; Ronneberg, **09,** 221; Russell, **09,** 221; Seacoast, **09,** 221; Sunset, **09,** 221; Swedish Pres. Union, **09,** 222; Underwood, **09,** 221; L'Union Ibérique, **09,** 222.
net weight, **09,** 223.
standards, **09,** 220.
Sargol, analysis, **14,** 329.
Sarsaferine syrup, analyses, **02,** 201.
Sarsaparilla, analyses, **99,** 117, 124, 126, 137; **11,** 198.
brands, Arethusa, **99,** 126; Clicquot, **99,** 124; Crystal, **99,** 124; **11,** 198; Diamond, **99,** 126; Elm City, **99,** 124; Everett, **99,** 124; Gilhuly and Bohen, **99,** 124; Gray, **99,** 124; Grumman, **99,** 124; Howard, **99,** 124; Hygeia, **99,** 124; Mohican, **99,** 124; Mosca, **99,** 124; Schuyler, **99,** 124; Scovill, **99,** 124.
See also boric acid and salicylic acid.
extract, analyses, **11,** 190.
brands, A. D. S., **11,** 190; Ayer's, **11,** 190; Callahan, **11,** 190; Hood's, **11,** 190; Jamieson,

Sarsaparilla extract—continued.
11, 190; Nyal, 11, 190; Rexall, 11, 190; Sayle, 11, 190; Wilson, 11, 190.
methods, 11, 193.
net volume, 11, 190.
See also glycerine and potassium iodide.
Sartoin, analysis, 14, 305.
Satoin, analysis, 13, 83.
Sauces, table, analyses, 01, 145; 11, 159.
brands, Andrews, 11, 159; Appetizer, 01, 145; Brand's, Crosse and Blackwell's Bengal Club Chutney, Durkee's Challenge, Eddy's Old English, Heinz's Gold Medal, Holbrook's Worcestershire, Indian Brand, John Bull Worcestershire, Kibbe's Excelsior, Lea and Perrins Worcestershire, Longfield's North of England, Ralph Pembroke's Worcestershire, Smith's English Royal, Snider's Oyster Cocktail, Sovereign 20th Century, 20th Century Worcestershire, Voss's Deer Brand, Waw-Waw Sauce, Westminster Worcestershire, 11, 159.
See also chili sauce, ketchup, saccharin and salicylic acid.
Sausage, analyses, 97, 41; 98, 157; 06, 126; 09, 226, 227; 12, 204.
brands, Armour, 98, 157; Bley, 09, 226; Booth, 97, 41; Boston, 97, 41; 98, 157; Brightwood, 97, 41; Deerfoot, 97, 41; 09, 226; Flinn, 97, 41; Fox, 98, 157; Gardner and Reynolds, 98, 157; Hammond, 98, 157; 09, 226; Handy, 98, 157; Howey, 97, 41; Hugo, 09, 226; Hunt, 98, 157; Jamieson, 98, 157; Jordan, 09, 226; Lenox Farm, 09, 226; Marshall, 98, 157; Meriden, 98, 157; Merwin, 97, 41; 98, 157; Mueller, 09, 226; Nagel, 09, 226; National Pure Food Co., 97, 41; New York, 97, 41; North Star, 98, 157; 09, 226; Peerless, 98, 157; Pfaff, 09, 226; Plumb and Winton, 97, 41; 98, 157; Schoenberger, 97, 41; Sperry and Barnes, 97, 41; 98, 157; 09, 226; Springfield, 97, 41; 98, 157; Squires, 97, 41; 09, 226; Swift, 09, 226.
methods, 97, 39; 09, 228; 12, 122.
standards, 09, 225.
See also boric acid, color, corn starch, potato starch, sulphurous acid and wheat.
Sawdust, in black pepper, 96, 39.
in ginger, 98, 149.
in white pepper, 01, 192.
oak, analysis, 98, 210.
spruce, analysis, 98, 210.
Saxin, analysis, 13, 80.
Saxolite, analysis, 14, 306.
Saxon Salve, analysis, 14, 306.
Saxon Wheat Food. See breakfast foods.
Scalp remedies. See hair remedies.
Schenck's Pulmonic Syrup, analysis, 12, 190.
Schiffmann's Asthmador. See asthma powders.
Scotch whiskey. See Antiquary.
Seaweed preparations, in ice cream powders, 13, 286.
Sedimentation, relative. See chocolate and cocoa.
test, method, 11, 109.
Seeds. See weed seeds.
Semola, analysis, 13, 22.
Semolina, analyses, 10, 550; 13, 34.

Senna. See proprietary medicines.
Sesame oil, in olive oil, **97,** 46; **00,** 152; **04,** 188; **05,** 119; **06,** 125; **07,** 151.
methods, **97,** 45; **00,** 152.
Sesame seed, anatomy, **03,** 187.
Severa's Stomach Bitters. See bitters.
Shamrock syrup, analysis, **02,** 202.
Shantok spring water, analysis, **00,** 211.
Shells. See various nuts.
Sherry, analyses, **13,** 72.
Shredded Cereal Coffee, **96,** 61.
Shredded Wheat Biscuit. See breakfast foods.
Shrimp, canned, net weight, **12,** 141.
Sifarbrot, analyses, **13,** 24; **28,** 70.
Silver. See Franck's Grains of Health.
nitrate, in hair remedies, **14,** 285.
Sinamylbrot, analyses, **13,** 24.
Sinuox. See meat extracts.
Skin and complexion remedies, analyses, **12,** 185, 186; **14,** 295–307.
brands, Cadum, **14,** 295; Champlin's Liquid Pearl, **14,** 295; Citrox, **14,** 296; D. D. D. Prescription, **14,** 296; Derma-Royale, **14,** 297; El-Gantis Beautifier, **14,** 298; Epp-o-tone, **14,** 298; Eptol, **14,** 299; Gouraud's Oriental Cream, **12,** 185; Hill's Freckle Lotion, **14,** 299; Hind's Honey and Almond Cream, **14,** 299; Holmes' Fragrant Frostilla, **14,** 300; Kingsbery's Freckle Lotion, **14,** 300; Kintho Beauty Cream, **14,** 301;
Skin and complexion remedies—cont.
Kroy Wen Ointment, **14,** 302; Luxor, **14,** 302; May-A-Tone, **14,** 203; McCorrison's Famous Diamond Lotion, **14,** 303; Mercolized Wax, **14,** 303; Othine, **14,** 304; Perry's Moth and Freckle Lotion, **14,** 304; Poslam, **12,** 186; Ruppert's World Renowned Face Bleach, **14,** 305; Sartoin, **14,** 305; Saxolite, **14,** 306; Saxon Salve, **14,** 306; Spurmax, **14,** 306; Zintone, **14,** 307.
Smoke, as preservative, **97,** 5.
Snow. See ice cream powders.
Soda, methods, **00,** 178.
See also baking powder, cream of tartar and various sodium salts.
Soda, cherry, analysis, **11,** 197.
cream, analyses, **99,** 117, 124, 126, 136, 137; **02,** 212.
Dewey, analysis, **99,** 126, 137.
lemon, analyses, **99,** 117, 124, 126, 136, 137; **02,** 212; **11,** 133, 197.
orange, analyses, **99,** 117, 126, 137; **02,** 214; **11,** 131, 197.
pineapple, analyses, **11,** 198.
raspberry, analyses, **99,** 126, 137; **02,** 214; **11,** 198.
strawberry, analyses, **99,** 117, 126, 137; **02,** 214; **11,** 198, 199, 212.
Soda crackers, analyses, **14,** 230.
water analyses, **99,** 136; **02,** 212; **11,** 197–199, 212; **13,** 299.
See also various carbonated drinks and sodas.
Sodium benzoate. See benzoic acid.
biborate. See abortion medicine and proprietary medicines.
bicarbonate, in borax, **99,** 153.
in Fungicide, **01,** 184.

Sodium—continued.
borate. See proprietary medicines.
bromide in Kosine, **14,** 327.
in soothing syrups, **14,** 308.
carbonate. See abortion medicine and Oakite.
chloride, methods, **10,** 492.
See also bouillon cubes, salt and Thialion.
citrate. See Thialion.
fluoride, in canned asparagus, **13,** 302.
salicylate, analyses, **12,** 170.
standards, **12,** 169.
See also Hyper-Samphire and rheumatism remedies.
sulphate, in Hyper-Samphire, **01,** 185.
in table salt, **08,** 597.
See also Thialion.
sulphite, in Hyper-Samphire, **01,** 185.
thiosulphate, in skin remedies, **14,** 296.
Soja bean bread, analyses, **13,** 70.
biscuits, analyses, **06,** 164; **13,** 285.
flour, analyses, **06,** 157; **12,** 108, 111; **13,** 18–22, 70, 285; **14,** 246.
Solids, methods, **99,** 129; **00,** 126; **01,** 105, 137, 154, 172; **04,** 134; **06,** 130; **09,** 191; **10,** 515.
See also alcohol, bottled beverages, canned corn peas pumpkin and tomatoes, chili sauce, chloroform, cider, cod liver oil wines, condensed milk, cordials, extract, formaldehyde, various fruit juices, ginger extract, hydrogen dioxide, jams, jellies, ketchup, lemon extract, maple syrup, milk, milk powders, orange extract, peas, pickles, prepared mustard, proprietary medicines, root beer extracts, salad dressings, sarsaparilla extract, soda water syrups, Sterilene, table sauces, tincture of ginger, tomatoes, vanilla extract and vinegar.
Solids—continued.
Solids, insoluble. See chili sauce, ketchup and table sauces.
Soluble Sulphur Compound, analysis, **13,** 306.
Somatose. See meat powders.
Soothing syrups, analyses, **14,** 307.
brands, Kopp's, **14,** 307; Nyal's, **14,** 308; Winslow's, **14,** 308.
Sorghum, anatomy, **02,** 326, 333.
seed, analyses, **02,** 338.
Soup, canned, analyses, **98,** 163; **10,** 493, 494.
net weight, **10,** 493, 494; **12,** 142.
See also bouillon and tomato soup.
Soups, condensed, analyses, **11,** 161, 162; **14,** 238.
carbohydrates, **13,** 93.
Soy bean. See soja bean.
Spaghetti, analyses, **01,** 201; **12,** 112, 206; **13,** 36.
brands, Clerget, **01,** 200; Clermont, **01,** 200; Crown, **01,** 200; Gobelin, **01,** 200; Marvelli, **12,** 206; **13,** 37; Rivals, **01,** 200; Sceaux d'Or, **01,** 200; Windmill, **01,** 200.
methods, **01,** 197.
net weight, **12,** 143.
See also color.
Spearmint drops, analyses, **13,** 280.
Specific gravity, methods, **97,** 45, 63; **98,** 222; **00,** 126, 138, 149; **00,** 217; **01,** 105, 172.
See also acetic acid, alcohol, ammonia water, bay rum, beef wine and iron, beer, bitters, blackberry brandy, bottled beverages, brandy, butter, canned peas, castor oil, chloroform, cider, coca wine, cod liver oil emulsions and wines,

Specific gravity—continued.
cordials, corn oil, formaldehyde, fruit juices, ginger extract, ginger tincture, glycerin, kola wine, Konut, lard, lard oil, lemon extract, malt extract, milk, oleomargarine, olive oil, orange extract, paregoric, peanut oil peppermint extract, proprietary medicines, root beer, root beer extract, rum, sarsaparilla extract, spirit of camphor, spirit of nitrous ether, syrup of figs, tomato juice, vinegar, Wesson's cooking oil, whiskey, wine and witch hazel extract.
Special M Preservaline, analysis, **97,** 143.
Spices, methods, **98,** 186–191.
net weight, **98,** 169–183.
as preservative, **97,** 5.
wholesale prices, **98,** 197.
See also various spices.
Spigelia, in worm syrups, 14, 325.
Spinach, canned, net weight, **12,** 140.
Spiro Powder, analysis, **12,** 185.
Spiritus Aetheris Nitrosi. See nitrous ether.
Camphorae. See spirit of camphor.
Spring clear lithia water, analysis, **00,** 213.
Sprudel biscuit, analysis, **13,** 34.
Spurmax, analysis, **14,** 306.
Standards. See various foods and drugs.
Starch, in canned pumpkin, **13,** 292.
in confectionery, **13,** 271, 273.
in cream of tartar, **00,** 181; **01,** 195; **07,** 138.
in ice cream powders, **13,** 286.
in jams, **05,** 142.
in jellies, **98,** 115; **01,** 127.
in mustard, **96,** 48.
Starch—continued.
in prepared mustard, **04,** 179; **05,** 127.
in sausage, **98,** 158; **09,** 225; **12,** 204.
methods, **98,** 189; **00,** 174, 177; **02,** 275–278; **03,** 142–144; **09,** 228; **12,** 122.
See also baking powder, Bombay mace, breakfast foods, buckwheat hulls, canned peas, cassia buds, chocolate, clove stems, cocoa, cocoa shells, corn and other starches, cubebs, date stones, diabetic foods, Fruit Puddine, infant and invalid foods, ketchup, linseed meal, macaroni, noodles, various nut shells, peanut butter, pepper shells, Peptol, pie preparations, red sandalwood, sawdust, various spices and vermicelli.
Starch, soluble. See breakfast foods.
Steero bouillon cubes, analysis, **11,** 162.
Stephan's Clescalp, analysis, **14,** 290.
Sterilene, analysis, **05,** 116.
Stillman Homestead spring water, analysis, **00,** 213.
Stomach and bowel remedies, analyses, **12,** 187, 191; **14,** 309–316.
brands, Beecham's Pills, **14,** 309; Cardiol, **14,** 309; Dilaxin Pills, **14,** 315; Edwards' Olive Tablets, **14,** 310; Eno's Fruit Salt-Derivative, **14,** 310; Franck's Grains of Health, **12,** 187; Fruitola, **14,** 311; Mayr's Wonderful Stomach Remedy, **14,** 312; Mi-o-na, **14,** 315; Munyon's Paw-Paw Pills, **14,** 314; Pape's Diapepsin, **14,** 314; Para-Lax, **14,** 316; Thialion, **12,** 191.

Stout, analysis, **14,** 272.
Stramonium. See Cubanos.
Strawberry, anatomy, **02,** 289.
extract, analyses, **01,** 178; **10,** 511, 512.
brands, Acker, Merrall and Condit, **10,** 511; Baker, **01,** 178; **10,** 511; Bradford, **01,** 177; Burnett, **10,** 511; Carleton, **10,** 511; Clark, **10,** 512; Clover, **10,** 512; Colburn, **10,** 511; Grand Union Tea Co., **10,** 511; Great Atl. and Pac. Tea Co., **10,** 512; Hallock, **01,** 178; Harris, **01,** 177; Harrison, **01,** 178; Hub, **01,** 178; McGuire, **01,** 178; McKee, **10,** 511; Nichols, **01,** 178; Nichols and Harris, **01,** 178; **10,** 512; Sage, **01,** 178; Sauer, **01,** 177; Thompson, **01,** 177; Trumbull, **01,** 178; Union Pacific Tea Co., **10,** 511; Van Duzer, **10,** 511, 512; Walsh, **01,** 178; Williams and Carleton, **01,** 178; **10,** 512; Wrightman, **01,** 178.
net volume, **01,** 177, 178; **10,** 511, 512.
See also color and synthetic flavor.
Strawberry jam, analyses, **98,** 125, 127, 128; **00,** 156; **01,** 128, 130, 133, 134; **08,** 586, 591, 592; **11,** 160, 161; **13,** 68; **14,** 333.
brands, Adams, **98,** 124; American Pickling Co., **08,** 591; American Pres. Co., **01,** 130; Austin, Nichols and Co., **01,** 128; **08,** 591; Avery, **01,** 130; Batty, **98,** 124; Beckmann, **08,** 591; Blue Bell, **09,** 591; Central, **98,** 126; Clark, **98,** 124; **01,** 128; Crescent, **98,** 124; Crosse and Blackwell, **01,** 128; Curtice, **98,** 124; Curtis and Moore, **08,** 591; Daniels, Cornell and Co., **98,** 124; DeGroff, **98,** 124; Doyle, **08,** 586, 592; Empress, **08,** 592; Franklin, **01,** 130; Gibbs, **08,** 592; Great Atl. and Pac. Tea Co., **08,** 592; Howard, **08,** 592; LeRoy, **08,** 596; **11,** 161; Logan, Johnson and Co., **01,** 128; **08,** 592; **11,** 160; Potts, **98,** 124; Rademann, **13,** 68; Ritter, **00,** 156; **09,** 586; Rochester, **01,** 128; Wallace and Thompson, **08,** 592; Williams Bros. and Charbonneau, **98,** 124; **01,** 130; Williams, **08,** 592; Winner, **02,** 128; Wood, **98,** 124; Wyoming, **08,** 592.
Strawberry jelly, analyses, **98,** 113, 117–119; **01,** 128, 130, 133, 134; **08,** 594.
brands, Clifford, **98,** 116; **01,** 130; Columbia, **98,** 116; **01,** 128; Eagle, **98,** 116; **01,** 128; Logan, Johnson and Co., **01,** 130; Middle B, **01,** 130; My Favorite, **01,** 128; Renwick, **08,** 594; Rogers, **01,** 128; Stone, **98,** 113; West Va. Pres. Co., **98,** 116; Whicher, Pillman and Co., **98,** 116.

Strawberry juice, analyses, **99,** 136.
Strawberry syrup, analyses, **99,** 117, 119, 120, 122, 123, 134, 135; **02,** 201, 202, 204, 205, 208; **09,** 237; **11,** 132, 196, 198.
brands, Campbell, **99,** 122; Clark, **11,** 198; Curtis and Moore, **11,** 132, 196; Deforth, **11,** 132; Doyle, **09,** 237; Eagle, **11,** 132; Joslyn, **99,** 122; Matthews, **11,** 132; Palisade, **02,** 206; Ritter, **99,** 122; Shafer, **11,** 132; Simpson Spring Co., **02,** 206; Smith, **99,** 122; **11,** 132; Steele, **99,** 122.
Strychnine, in Mi-o-na, **14,** 315.
in Sargol, **14,** 329.
in tincture nux vomica, **14,** 335.
physiological tests, **11,** 212-214.
See also cod liver oil wines.
Succotash, analyses, **98,** 164.
net weight, **12,** 140.
Sucrate of lime. See lime.
Sucrol, **13,** 84.
Sucrose, in bitters, **14,** 272.
in chocolate, **11,** 108.
in cocoa, **02,** 252; **11,** 124.
in grape juice, **09,** 198; **11,** 130.
in honey, **96,** 17; **98,** 157.
in maple sugar, **06,** 131; **11,** 211.
in maple syrup, **06,** 129; **09,** 212.
methods, **99,** 129; **06,** 130; **09,** 191; **11,** 109; **12,** 116.
See also blackberry brandy, bottled beverages, candied apples, canned peas, chile sauce, chocolate, cocoa, cod liver oil wines, condensed milk, cordials, diabetic foods, fruit juices, Fruit Puddine, gelatin, ice cream powders, jams, jellies, jelly powders, ketchup, lemonade sugar, maple sugar and syrup, Meltose, orange sugar, pickles, pie preparations, sarsaparilla extract, soda water syrups, Sterilene, various sugars, syrup of figs, vanilla crystals, vanilla extract and wines.
Sugar, in glycerin, **12,** 158.
as preservative, **97,** 4.
standards, **03,** 115; **04,** 111.
See also peanut butter and sucrose.
Sugar, acme, standards, **03,** 116.
brewers', standards, **03,** 116.
brown, sucrose in, **96,** 13.
cane. See sucrose and sugar.
climax, standards, **03,** 116.
granulated, sucrose in, **96,** 13.
grape, standards, **03,** 116.
invert, methods, **99,** 129; **12,** 113, 117.
See also blackberry brandy, bottled beverages, chili sauce, diabetic foods, fruit juices, honey, ketchup, maple syrup, pickles, soda water syrups, syrup of figs, tomatoes and wines.
milk, analyses, **10,** 577.
in pancreatin, **10,** 573.
in pepsin, **11,** 183.
See also lactose and proprietary medicines.
powdered, sucrose in, **96,** 13.
reducing. See beer, bitters, canned peas, cider, cod liver oil emulsions, dextrose, infant and invalid foods, pancreatin and vinegar.
starch, standards, **04,** 112.
See also glucose.
Sugar Gems, analyses, **09,** 273; **13,** 80.
Sulphates, in sodium salicylate, **12,** 170.
See also various metals.
Sulphites, in sodium salicylate, **12,** 170.
See also various metals.

Sulphur, in hair remedies, **14,** 281, 282, 288, 291.
in skin remedies, **14,** 295, 302, 306.
See also Sanatogen.
precipitated, analyses, **12,** 171, 205.
standards, **12,** 171.
See also lime and sulphuric acid.
Sunbright's California Baby Food, analyses, **08,** 604.
Sweeteners, artificial. See dulcin, edulcoren, glucin, hediosit, saccharin and sucrol.
Syrup, analyses, **96,** 14.
brands, Boyd, **96,** 14; Halpin and Green, **96,** 14.
carbohydrates, **13,** 89.
standards, **03,** 115; **04,** 111; **09,** 210.
See also maple syrup.

Table sauces, analyses, **11,** 158.
methods, **01,** 137.
See also chili sauce, ketchup and Worcestershire sauce.
Talc, in baking powder, **00,** 168; **02,** 256.
in rice, **12,** 120.
Tannin. See cider.
equivalent, method, **98,** 191.
See also various spices.
Tannin-salt, nitrogen ppt. by. See meat extracts and meat preparations.
Taroena, analysis, **08,** 604.
Taro-Gluten biscuit, analysis, **13,** 32.
Tea, analyses, **98,** 136.
brands, Columbia, **98,** 136; Cooper, **98,** 136; Lipton, **98,** 136; Winslow, Rand and Watson, **98,** 136; Wood, **98,** 136.
methods, **98,** 131.
See also Paris green, potassium cyanide and tea fruit.
Tea fruit, in tea, **01,** 183.
Temperance drinks. See carbonated drinks.
Theobromin, methods, **02,** 274; **03,** 130.
See also chocolate and cocoa.
Ther-Ox, analysis, **14,** 290.
Thialion, analysis, **12,** 191.
Thompson's Laxative Appetizing Bitters. See bitters.
Thymol. See proprietary medicines.
Thyroid preparations, analyses, **14,** 263.
brands, Marmola, **14,** 263; Phy-thy-rin, **14,** 263.
Tin, in canned peas, **10,** 488.
in canned pumpkin, **13,** 290.
in canned raspberries, **08,** 587.
methods, **10,** 492.
Tincture of aconite. See aconite.
belladonna. See belladonna.
ginger. See ginger.
iodine. See iodine.
nux vomica. See nux vomica.
opium. See opium.
Titer test. See Korno products.
Toast, analysis, **12,** 108.
Tocher test, method, **00,** 153.
See also olive oil.
Tomato jam, analyses, **98,** 125, 128; **13,** 68.
pulp, analysis, **10,** 530.
seeds, analysis, **10,** 530.
skins, **10,** 530.
soup, analyses, **10,** 494.
brands, Acker, Merrall and Condit, Campbell, Columbia, Curtice, Franco-American, Great Atl. and Pac. Tea Co., Heinz, Mohican, Potter and Wrightington, Richardson and Robbins, Snider, Van Camp, **10,** 494.
net weight, **10,** 494; **12,** 142.
Tomatoes, analyses, **12,** 134.
canned, analyses, **12,** 132, 133.
brands, Acker, Merrall and Condit, **04,** 189; **12,** 126; Ames, **12,** 127; Arden, **12,** 127; Aus-

Tomatoes, canned—continued.
tin, Nichols and Co., **12,** 126; Bay, **12,** 126, 127; Boyle, **12,** 127; B. R. P. C., **12,** 127; Burt Olney, **12,** 126; Chambers, **12,** 127; Cirio, **12,** 127; Clark, Chapin and Bushnell, **12,** 127; Fitzgerald, **12,** 127; Fredonia, **12,** 126; Granger, **12,** 126; Hoffecker and Hall, **12,** 127; Leggett, **12,** 127; Medina, **12,** 127; Montclair Jam Kitchens, **12,** 126; Oneida Community, **12,** 126; Oriole **12,** 126; Phillips, **12,** 127; Ross, **12,** 127; Sachem's Head, **12,** 127; Seeman, **12,** 126; Silver Creek, **12,** 127; Sprague, Warner and Co., **12,** 127; Stoddard, Gilbert and Co., **12,** 127; Tanner, **12,** 126; Tucker and Goodwin, **12,** 127; Waddington and Holmes, **12,** 127; Wallace, **12,** 127; Webb, **12,** 127; Whitby, **12,** 127; Williams, **12,** 126; Wilson, **12,** 127; Winters and Prophet, **12,** 127.
net weight, **12,** 130, 140.
standards, **12,** 125.
Tona Vita, analysis, **14,** 318.
Tongue, canned, net weight, **12,** 142.
Tonics, analyses, **12,** 187, 197; **14,** 316–323.
brands, Greene's Nervura, **14,** 316; Kardene, **14,** 318; Rexall Every Day Tonic, **14,** 318; Sanatogen, **12,** 197; **13,** 22; **14,** 336; Tona Vita, **14,** 318; Vinol, **14,** 319; Waterbury's Compound, **14,** 319; Williams' Pink Pills, **12,** 187.
See also bitters, cod liver oil emulsions and wines and sarsaparilla extract.
Tragacanth. See Tri-Krema.
Tranches Grillées, analysis, **13,** 28.
Tremolite, in baking powder, **00,** 168; **02,** 256.
Tri-Krema, analysis, **09,** 273.
Triscuit. See breakfast foods.
Trix. See breakfast foods.
Tropon foods. See diabetic foods.
True's Elixir, analysis, **14,** 325.
Trumilk. See milk powders.
Tryphosa, analyses, **09,** 201; **13,** 288.
net weight, **09,** 201; **12,** 145; **13,** 288.
Tuchschmid formula, **99,** 129.
Turf Club Bitters. See bitters.
Turmeric, in black pepper, **04,** 163.
in cayenne pepper, **04,** 163.
in ginger, **98,** 149; **01,** 192.
in lemon extract, **01,** 172; **05,** 137; **06,** 150; **07,** 147; **09,** 207.
in mustard, **96,** 47; **98,** 169; **01,** 192; **04,** 179; **05,** 123, 127; **06,** 139; **07,** 156, 157.
in noodles, **01,** 197; **04,** 138.
in orange extract, **01,** 176; **10,** 506.
in salad dressing, **11,** 154.
methods, **96,** 45; **01,** 174; **04,** 139.
Turpentine, analyses, **12,** 177–181; **13,** 302; **14,** 335.
brands, American Naval Stores Co., **12,** 183; Apothecaries Hall Co., **12,** 183; Barclay, **12,** 183; Barry, **12,** 183; Belden, **12,** 183; Booth and Law, **12,** 183; Bourne, **12,** 183; Brewer, **12,** 183; Carolina Pine Products Co., **12,** 183; Carpenter and Morton, **12,** 183; Casey, **12,** 183; Church, **12,** 183; Davis, **12,** 183; Devoe and Reynolds, **12,** 183; Ells, **12,** 183; Gulf Turpentine Co., **12,** 183; Hawley, **12,** 183; Hodges, **12,** 183; Hubbell and Wade, **12,** 183; Independent Turpentine Co., **12,** 183; Jackson, **12,** 183; Kirk, **12,** 183; Longman and Martinez, **12,** 183; Loos and Dilworth, **12,** 183; Lee and Osgood, **12,** 183; Levy, **12,** 183; Osgood, **12,** 183; Penn Alcohol and Chem Co., **12,** 183; Sarendon, **12,** 183; Sherwin-Williams Co., **12,** 183; Siglatski and Briggs, **12,** 183; Silliman,

Turpentine—continued.
12, 183; Sisson, **12,** 183; Southern States Turpentine Co., **12,** 183; Spencer, **12,** 183; Thompson and Belden, **12,** 183; Tolar, Hart and Co., **12,** 183; U. S. Turpentine Co., **12,** 183; Weaver, **12,** 183.
methods, **12,** 174.
standards, **12,** 173.
See also mineral oil and water.

Ultrabrot, analysis, **13,** 24.
Ultramehl, analyses, **13,** 18, 70.
Uni bread. See diabetic foods (Fromm).

Vanilla crystals, analyses, **01,** 162.
See also coumarin.
Vanilla extract, analyses, **01,** 155–159; **05,** 133–137; **06,** 145; **07,** 161; **09,** 232–235; **11,** 203; **12,** 204; **13,** 300, 303.
brands, Acker, Merrall and Condit, **09,** 232; Aetna, **05,** 132; Alliance, **12,** 204; **13,** 300; American Tea Co., **06,** 144; Arcadian, **05,** 132; Austin, Nichols and Co., **07,** 159; **09,** 232; Bacorn, **13,** 304; Baker, **01,** 154; **09,** 232; Baldwin and MacDonald, **05,** 132; Bennett, Sloan and Co., **01,** 154; **09,** 232; Bergquist, **07,** 159; Boston Tea and Coffee Co., **07,** 159; Bradford, **01,** 154; Brown, **01,** 158; Brunswick, **01,** 158; Burnett, **01,** 154; **09,** 232; Burton, **09,** 232; Carlson, **05,** 132; Carolan, **09,** 232; Centennial, **09,** 234; Charter Oak, **07,** 159; **09,** 232; Clinton, **01,** 158; Colburn, **09,** 232; Colgate, **09,** 232; Columbia, **09,** 235; Cotton, **05,** 134; **09,** 235; Crawford, **01,** 158; **09,** 232; Crescent, **09,** 235; Curry, **01,** 156; Danbury, **01,** 154; **06,** 144; Davis, **09,** 232; DeGroff, **07,** 159; **09,** 235; Doetschmann, **01,** 154; Dow and Hatch, **01,** 156; Doyle, **01,** 156; **05,** 134; **09,** 232, 234; East India Tea Co., **07,** 159; **09,** 234; Eureka, **05,** 132; **09,** 235; Favorite, **06,** 144; Five and Ten Cent Drug Cab. Co., **09,** 232; Forest City, **01,** 156; **05,** 136; Franklin, **01,** 156; Frederick, **01,** 156; **05,** 132; French, **01,** 156; Fuller, **07,** 159; **09,** 234; Gillies, **09,** 233; Glover, **01,** 156; Gold Seal, **09,** 233; Good Value, **05,** 132; **09,** 233; Grand Union Tea Co., **09,** 235; Grant, **01,** 156; **05,** 132; Harrison, **01,** 156; Hart, **01,** 158; **05,** 136; Haskell, Adams and Co., **05,** 136; Hedges, **05,** 132; Helmet, **09,** 233; Hetfield and Searle, **09,** 234; Hills, **01,** 154; Holly, **07,** 159, 160; Howland, **09,** 233; Ideal, **07,** 159; Jackson, **01,** 156; Johnson, **01,** 156; **05,** 132; King and Gay, **01,** 158; Lambert and Lowman, **06,** 144; Leggett, F. H., **09,** 233; Leggett, W. A., **01,** 158; Lincoln, Seyms and Co., **01,** 154; Markle, **01,** 156; **05,** 136; McGuire, **05,** 136; McKee, **05,** 132; **06,** 144;

Vanilla extract—continued.
07, 160; **09,** 233, 234; McMonagle and Rogers, **01,** 156; **02,** 207; **09,** 233; Metcalf, **01,** 158; Miller, **09,** 233; Miner, Read and Garrette, **01,** 156; **05,** 136; Model Market Co., **07,** 159; Mohican, **07,** 159; **09,** 233; Monogram, **09,** 233; Murphy, **01,** 156; **05,** 132; **06,** 144; N. H. Tea Co., **01,** 156; **05,** 132; New Haven Extr. Co., **07,** 159; **09,** 234; N. Y. and China Tea Co., **01,** 158; Nichols and Harris, **01,** 156; **05,** 134; **06,** 144; **07,** 159; **09,** 234; Oakdale, **05,** 136; Patterson-Cabell Co., **09,** 233; Peek, **01,** 156; Powers, **09,** 235; Prefect, **09,** 235; Premium, **05,** 134; **09,** 234; Price, **01,** 154; Providence, **11,** 202; Puritan, **07,** 159; **09,** 233, 234; Queen City, **05,** 136; Rallion, **01,** 156; Rivaud, **01,** 156, 158; Robertson, **01,** 156; **05,** 132; Sage, **01,** 154, 158; **05,** 134; Sauer, **09,** 233; Schlotterbeck and Foss, **01,** 154; **09,** 232; Searle, **01,** 158; **05,** 136; Seeman, **05,** 134; Slater, **05,** 134; Smith, G. W., **05,** 136; **09,** 233; Snyder, **01,** 156; Star, **05,** 136; Sterling, **05,** 132; **09,** 235; St. John, **01,** 156; **05,** 136; **09,** 235; Stone, **01,** 156; Stuart, **01,** 156; **09,** 235; Talcott, Frisbie and Co., **01,** 158; **05,** 132; Taylor, **01,** 156; **05,** 134; **06,** 144; Thompson, **01,** 154; **09,** 233; Tower, **05,** 134; Tropic, **09,** 234; Trumbull, **01,** 158; **05,** 136; Twentieth Century, **05,** 132; Union Extract Co., **07,** 159; Union Pacific Tea Co., **01,** 156, 158; **05,** 132; **06,** 144; **07,** 159; **09,** 234; Union Supply Co., **05,** 136; Union Tea Co., **05,** 132; Van Duzer, **09,** 233; Van Dyk, **09,** 233; Victor, **01,** 156; **05,** 132; Walsh, **01,** 156; **05,** 132; Webb, **09,** 235; Welch, **01,** 156; **09,** 233; West Rock, **01,** 156; Williams, **07,** 159; Williams and Carleton, **01,** 154; Worth, **01,** 154; **09,** 233.
methods, **01,** 154–162.
net volume, **01,** 155–159; **05,** 133–137; **06,** 145; **09,** 232–235.
standards, **01,** 150; **09,** 231.
See also acetanilid, caramel, color, coumarin, glucose, glycerin and vanillin.
Vanilla wafers, analyses, **14,** 230.
Vanillin, synthetic, in vanilla crystals, **01,** 162.
in vanilla extract, **01,** 153; **06,** 143; **09,** 234; **13,** 304.
methods, **01,** 155.
Vegetables, carbohydrates, **13,** 89, 90.
Velvet Special. See ice cream powders.
Vermicelli, analyses, **01,** 201; **10,** 550; **12,** 112; **13,** 36.
brands, Austin, Nichols and Co., **01,** 200; Brusson, **10,** 550; **12,** 112; **13,** 36; Columbia, **01,** 200;

Vermicelli—continued.
LaFlora, **01,** 200; Laroze, **01,** 200; Margerie, **01,** 200; Pinto, **01,** 200; Scaramelli, **01,** 200.
methods, **01,** 197.
net weight, **12,** 143.
See also color.
Vermifuges. See worm syrups.
Vigoral. See meat extracts.
Vilane Powder, analysis, **14,** 266.
Vinegar, analyses, **97,** 61; **98,** 220; **99,** 157, 158; **00,** 218; **01,** 204, 206; **02,** 256; **03,** 155; **04,** 189; **05,** 143; **06,** 152; **07,** 162; **09,** 278; **10,** 578; **11,** 156, 206–209, 212; **12,** 207; **13,** 300, 302; **14,** 334, 335.
brands, Alart and McGuire, **11,** 208, 209; Allen, **11,** 206; Armstrong, **11,** 206; Bates, **11,** 206; Beech-Nut, **11,** 206; Blenner, **11,** 155; Cary, **11,** 206; Crosse and Blackwell, **11,** 155; Deyo, **11,** 206; Doyle, **11,** 155, 209; Egypt, **11,** 206; Empire, **11,** 206; Erdman, **11,** 206; Fairchild and Hegany, **11,** 206; Fleischman, **11,** 206, 208, 209; Great Atl. and Pac. Tea Co., **11,** 155; Haynes-Piper Co., **11,** 155, 206; Heinz, **11,** 155, 206, 209; Hirsh, **11,** 206; Humphrey-Cornell Co., **11,** 206; Jewett, **11,** 206; Lathrop, **11,** 155; Mott, **11,** 206; New England, **11,** 206; Place, **11,** 206; Rogoff and Mintz, **11,** 209; Spirt, **11,** 206; Thompson, **11,** 206; York State, **11,** 206.
methods, **11,** 157.
standards, **97,** 60; **04,** 118.
Vinegar, distilled, analyses, **11,** 156, 208.
malt, analyses, **11,** 156.
syrup, analyses, **11,** 209.
wood acid, analyses, **11,** 209.
Vin Mariani, analysis, **09,** 259.
Vinol, analysis, **14,** 319.
Vinum Cocae. See coca wine.
Violetene syrup, analyses, **99,** 135; **02,** 204.
Vita Compound Fruit Laxative. See syrup of figs.
Volatile fatty acids, methods, **96,** 49; **97,** 63; **98,** 222; **00,** 217; **01,** 205.
oil. See oil.
Von Koster's Bitters. See bitters.

Wadewitz's Vegetable Worm Syrup. See worm syrups.
Wafers, analyses, **13,** 28, 30; **14,** 228-232.
candy, analyses, **13,** 273.
Walnut biscuits, analyses, **13,** 34.
shells, analyses, **98,** 210.
Wampole's Kola Wine, analysis, **09,** 260.
Milk Food, analysis, **08,** 604.
Water, in canned corn, **12,** 97.
in canned peas, **10,** 471.
in canned pumpkin, **13,** 293.
in canned tomatoes, **12,** 136.
in lime juice, **11,** 130.
in milk, **97,** 54; **00,** 133, 134; **01,** 116; **02,** 184, 194; **04,** 120, 132; **05,** 109; **06,** 110; **07,** 162; **08,** 713; **09,** 277; **10,** 579; **11,** 142-145, 196, 210; **12,** 203; **13,** 299; **14,** 333.
in molasses, **12,** 204.
See also Albulac, alfalfa bread, baking powder, banana flour, beer, bindweed, biscuits, bismuth subnitrate, Bombay mace, bread, breakfast foods, buckwheat hulls, canned corn peas pumpkin and tomatoes, cassia buds, cheese, chocolate, clove stems, cocoa, cocoa shells, condensed milk, confectionery, crackers, cubebs, date stones, diabetic foods, dried eggs, eggs, foxtail, Fruit Puddine, gelatine, Hyper-Samphire, ice cream cones, ice cream powders, infant and invalid foods, jams, jellies, jelly powders, ketchup,

Water—continued.
Korno products, laxative preparations, linseed meal, macaroni, maple syrup, meat extracts and meat preparations, milk powders, moisture, molasses, noodles, various nut shells, peanut butter, pepper shells, Peptol, pie preparations, prepared mustard, proprietary medicines, preserves, Puregg, red sandalwood, salad dressing, Sanatogen, sausage, sawdust, sorghum seed, spaghetti, various spices, tea, tomatoes, vermicelli, wheat bran, wheat screenings and Zanzibar Carbon.
Water crackers, analyses, **14,** 228, 230.
Water, Hartford, analysis, **00,** 213.
Waterbury's Compound, analysis, **14,** 319.
Waters, table, analyses, **00,** 211-213.
methods, **00,** 203.
Waverly Shortening, analysis, **09,** 278.
Waw-Waw. See table sauces.
Weed seeds, in wheat screenings, **02** 341.
Weight, net, of package foods, **12,** 137–145; **13,** 298.
Wesson's Cooking Oil, analysis, **01,** 203.
Westphal's Auxiliator, analysis, **14,** 291.
Wheat, analyses, **02,** 344.
in allspice, **97,** 30; **01,** 193; **07,** 154.
in black pepper, **96,** 39, 40; **97,** 20; **98,** 171; **01,** 191, 204; **02,** 242; **04,** 163; **05,** 123; **06,** 139; **07,** 155.
in buckwheat flour, **00,** 117; **04,** 146; **07,** 128, 162.
in cayenne pepper, **97,** 23.
in chocolate, **03,** 127; **07,** 135.
in cinnamon, **97,** 32; **01,** 193; **02,** 245; **04,** 163.
in cloves, **97,** 28; **98,** 177; **01,** 193; **02,** 245; **07,** 156.
Wheat—continued.
in cocoa, **02,** 252; **07,** 135.
in coffee, **96,** 58; **97,** 17; **98,** 140; **06,** 136.
in ginger, **98,** 149; **01,** 192.
in mustard, **96,** 48; **98,** 169; **01,** 192; **04,** 179; **05,** 123; **06,** 139; **07,** 156, 157.
in sausage, **98,** 157.
in white pepper, **98,** 173; **01,** 181; **04,** 163; **06,** 139.
Wheat berries. See breakfast foods.
bran, analyses, **14,** 243.
brands, Ballard, **14,** 243; Educator, **14,** 243; Health Food Co., **14,** 243; Jireh, **14,** 243; Kellogg, **14,** 243.
bread. See bread.
equivalent of diabetic foods, **13,** 19–39, 70, 285; **14,** 245–247.
cracked. See breakfast foods.
Cream of. See breakfast foods.
Dextrosed, analysis, **03,** 155.
Wheatena. See breakfast foods.
Wheat flour. See flour.
Wheatlet. See breakfast foods.
Wheat Nuts. See diabetic foods (Jireh).
Wheat screenings, botanical analyses, **02,** 341.
chemical analyses, **02,** 344.
Wheat, Shredded. See breakfast foods.
Wheatsworth Biscuit, analysis, **14,** 232.
Wheat, whole, preparations, analyses, **14,** 232.
Whiskey, analyses, **02,** 255; **05,** 143; **10,** 578; **11,** 212; **14,** 334, 337.
White Ribbon Remedy for Alcoholism, analysis, **14,** 261.
Whitman's Asthma Powder. See asthma powders.
Worm Syrup. See worm syrups.
Williams' Pink Pills for Pale People, analysis, **12,** 188.

Wilson's Compound Sarsaparilla. See sarsaparilla extract.
Wine, analyses, **10**, 579; **13**, 73, 94, 304.
standards, **04**, 116, 117.
See also acetic acid, beef wine and iron, coca wine, cod liver oil wines, kola wine and other individual wines.
Winslow's Soothing Syrup, analysis, **14**, 308.
Wintergreen extract, analyses, **10**, 514.
brands, Baker, **10**, 514; Carlson, **10**, 514; Clover, **10**, 514; Colonial, **10**, 514; East India Tea Co., **10**, 514; Grand Union Tea Co., **10**, 514; Great Atl. and Pac. Tea Co., **10**, 514; Hooker, **10**, 514; Nichols and Harris, **10**, 514.
methods, **10**, 517.
net volume, **10**, 514.
standards, **10**, 513.
See also color.
oil, methods, **10**, 517.
Winton no. See lead no.
Witch hazel extract, analyses, **08**, 712; **09**, 272; **11**, 195.
brands, Dickinson, **11**, 195; Five and Ten Cent Drug Cab. Co., **09**, 272; Parke, Davis and Co., **11**, 195; Pond's Extract, **11**, 195; Williams and Carleton, **09**, 272.
net volume, **11**, 195.
standards, **11**, 194.
Wood injured by arsenical spraying, analysis, **14**, 337.
Worcestershire sauce. See table sauces.
Worm remedy for hogs and cattle, analysis, **13**, 306.
Worm syrups, analyses, **14**, 323-325.
brands, Adee-Co., Dike, Hand, Hobson, Manhattan, Notkins, Nyal's, Penslar, Rexall, True's Elixir, Wadewitz, Whitman, **14**, 325.
See also santonin and spigelia.
Wyeth's Sage and Sulphur Hair Remedy, analysis, **14**, 291.

Yale's Excelsior Hair Tonic, analysis, **14**, 292.

Zanzibar Carbon, analysis, **00**, 201.
Zest. See breakfast foods.
Zinc Ortho Arsenite, analysis, **11**, 217.
oxide. See Poslam, Spiro Powder and other skin remedies.
sulphate, nitrogen ppt. by. See gelatin, jellies, jelly powders, meat extracts and meat preparations.
Zinfandel wine, analyses, **13**, 72.
Zintone, analysis, **14**, 307.
Zwieback, analyses, **13**, 28, 30, 34, 70, 71, 285; **14**, 244.

The Wilson H. Lee Company,
New Haven, Conn.